



**DEMAND QUALITY...**

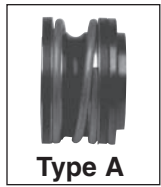


**DEMAND U.S. SEAL MFG.**

*Supplying a Complete Line of Quality Seals*

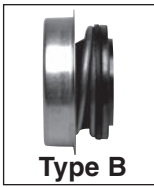
*For Over 50 Years*

## U.S. SEAL MFG. Head Types



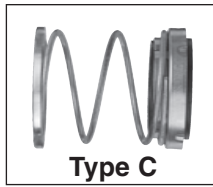
**Type A**

Equal to:  
John Crane Type 6



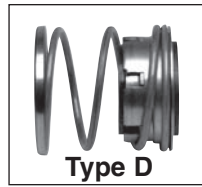
**Type B**

Equal to:  
John Crane Type 6A



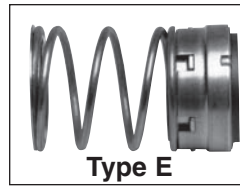
**Type C**

Equal to:  
John Crane Type 21



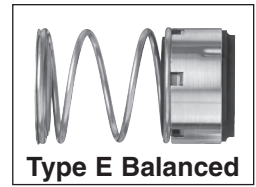
**Type D**

Equal to:  
John Crane Type 2



**Type E**

Equal to:  
John Crane Type 1



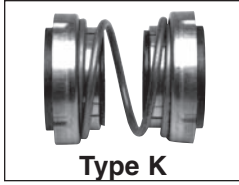
**Type E Balanced**

Equal to:  
John Crane Type 1  
Balanced



**Type G**

Equal to:  
John Crane Types  
2100 & 2106



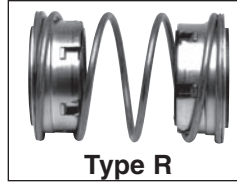
**Type K**

Equal to:  
John Crane Type 21 Dbl.



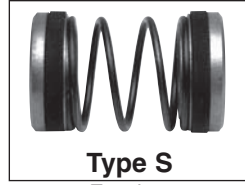
**Type Q**

Equal to:  
John Crane Type 11A



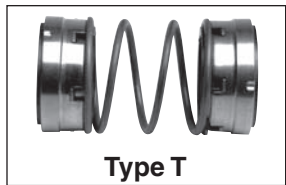
**Type R**

Equal to:  
John Crane Type 2 Dbl.



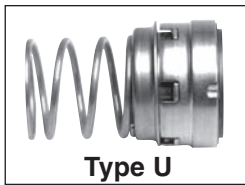
**Type S**

Equal to:  
John Crane Type 8 Spec



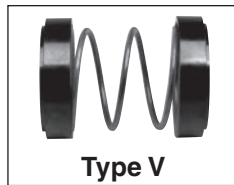
**Type T**

Equal to:  
John Crane Type 1 Dbl.



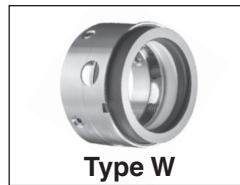
**Type U**

Equal to:  
John Crane Type 1 w/Sp. Adpt.



**Type V**

Equal to:  
John Crane Type 8D



**Type W**

Equal to:  
John Crane Types 9 & 9T

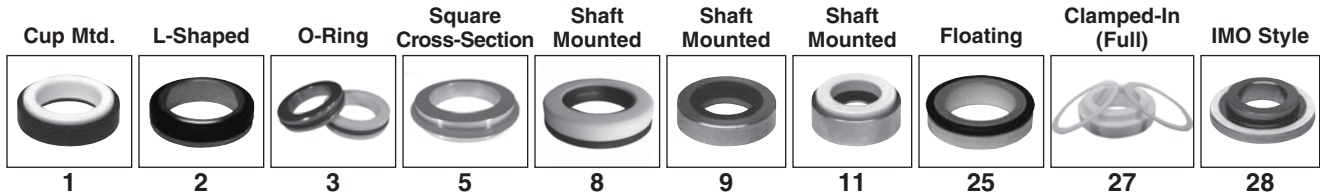


**Type X**

Equal to:  
John Crane Types 8-1 & 8-1T

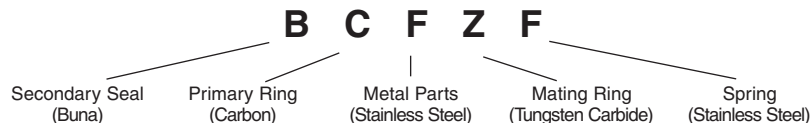
## U.S. SEAL MFG. Mating Ring Designs

(Available in a wide variety of materials)



## U.S. SEAL MFG. MATERIAL CODE

SECONDARY SEALS	PRIMARY RINGS	METAL PARTS	MATING RINGS	SPRINGS
B. Buna	A. Bronze	D. Brass	A. Bronze	E. Monel®
N. Neoprene	C. Carbon	E. Monel®	G. Cast Iron	F. Stainless Steel
Q. EPR	H. Glass Filled PTFE	F. Stainless Steel	J. Ceramic	P. Plated Steel
T. PTFE	L. Silicon Carbide	P. Plated Steel	K. Ni-Resist	
V. Viton®	M. Molded Plastic		L. Silicon Carbide	
X. AFLAS®	R. Silicon Carbide (CVR)		O. Stellite	
Y. Kalrez®	S. Tool Steel		S. Tool Steel	
	Z. Tungsten Carbide		Z. Tungsten Carbide	



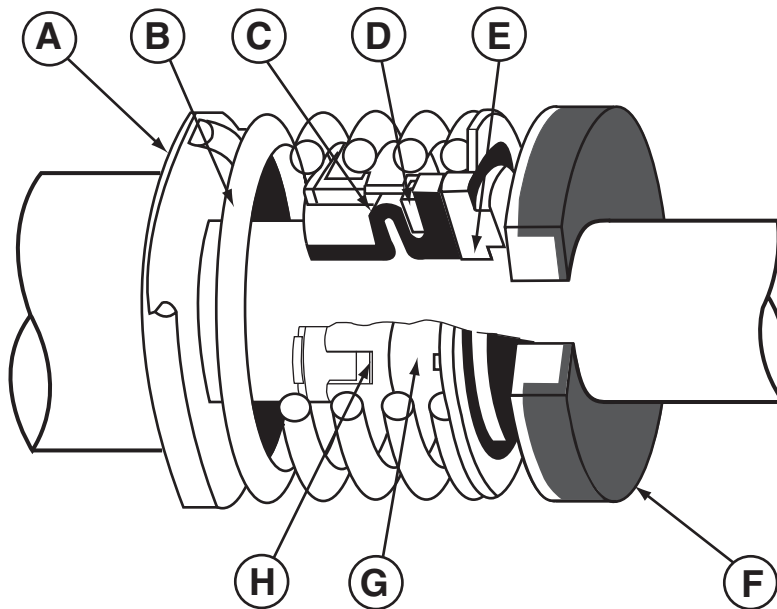
AFLAS® is a registered trademark of Asahi Glass Co., Ltd.  
 Kalrez® is a registered trademark of DuPont Performance Elastomers, LLC  
 Viton® is a registered trademark of DuPont Performance Elastomers, LLC  
 Monel® is a registered trademark of Special Metals Corporation

## DESIGN AND CONSTRUCTION FEATURES

- SELF ALIGNING
- COMPLETELY ASSEMBLED FOR EASY INSTALLATION
- EXCEPTIONALLY BROAD APPLICATION RANGE
- WIDE TEMPERATURE RANGE
- LOW, MEDIUM OR HIGH PRESSURE APPLICATIONS
- AVAILABLE FOR STANDARD OR LIMITED GLAND DEPTHS
- AUTOMATIC COMPENSATION FOR MATING RING WEAR AND SHAFT END PLAY

## SECONDARY SEAL TEMPERATURE LIMITS

AFLAS® +450°F    Buna +225°F    EPR +300°F    Neoprene +175°F    Viton® +400°F



## TYPICAL TYPE "D" SEAL PARTS

- |          |                |          |                      |
|----------|----------------|----------|----------------------|
| <b>A</b> | Spring Holder  | <b>E</b> | Primary Ring         |
| <b>B</b> | Spring         | <b>F</b> | Mating Ring Assembly |
| <b>C</b> | Rubber Bellows | <b>G</b> | Retainer             |
| <b>D</b> | Disc           | <b>H</b> | Drive Band           |

## HOW TO USE THIS CATALOG

Using the **Pump Manufacturers' Cross-Reference** (Pages 6-83), identify the correct replacement seal for the pump manufacturers' part number.

If part number is not found, refer to the **Seal Sizing Guide** on Page 4. With this information, turn to the **Dimensional Cross-Reference** section (Pages 84-129).

Locate the needed shaft size, then the head and mating ring type. Cross-reference with the material code to obtain the correct U.S. Seal Mfg. part number.

## CONTENTS

	PAGE
U.S. Seal Mfg. - Quality Mechanical Seals .....	2
Features of Seal Types A - X .....	3
Seal Sizing Guide .....	4
Inch and Metric Conversion Chart .....	5
Pump Manufacturers' Cross-Reference .....	6-83
Dimensional Cross-Reference .....	84-129
Commercial Appliance Replacement Seals .....	130-131
Choose the Right Seal For Your Pool & Spa Pump .....	132
SCS Series - Silicon Carbide Seals for Pool & Spa Pumps .....	133
Aquascape Pump Replacement Seals .....	133
Pool & Spa Pump Replacement Seals .....	134-136
Material Recommendation Chart .....	137-141
Seal Installation Instructions .....	142
Identifying Causes of Seal Leakage .....	143
Warranty .....	143
Replacement Seal Kits .....	144-147
Value Guard - Inch Sizes .....	148-153
Armstrong Replacement Seals .....	154
Bell & Gossett Replacement Seals .....	154
Gorman-Rupp Replacement Seals .....	155
Value Guard - Metric Sizes .....	156-165
Grundfos Replacement Seals .....	166-167
Flygt Replacement Seals .....	168-170
Flygt Plug-In™ Replacement Seals .....	171
Metric Seal Designs for Submersible Pumps .....	172-173
Honda Trash Pump Replacement Seals .....	174
Roto-Jet® Replacement Seals .....	174
Smith & Loveless Replacement Seals .....	174
Travaini Replacement Seals .....	175
Labyrinth Seals .....	176
Cyclone Abrasive Separators .....	177
Packing - Includes Packing, PTFE Lantern Ring Strip and Tools .....	178-183
U.S. SEALUBE - Seal Installation Lubricant .....	184
Premium Seal Index .....	185-204
Unable to Find the Seal You Require? Need To Send A Sample? .....	205

# U.S. SEAL MFG.

## Quality Mechanical Seals

Our seals are designed to give long life, provide automatic self-adjustment and reduce maintenance costs. Additionally, mechanical seals offer these important advantages.



### ABSOLUTE SEALING

Proper selection and installation of our seals results in less pumpage loss, cleaner facilities, less fire hazard, no danger from fumes and no contamination of the fluid being pumped.



### NO RUBBING FRICTION BETWEEN SHAFT AND SEAL PARTS

Replace packing with a mechanical seal and avoid expensive shaft or sleeve replacements.



### FLEXIBLE SEALS MEANS LONGER SERVICE LIFE

Compared to packing, mechanical seals are more flexible, and are able to compensate for shaft deflection, axial and radial end play, vibration and seal face wear.



### LESS FRICTION MEANS VALUABLE POWER SAVINGS

Mechanical seals use less friction than packing. Therefore, they require less horsepower consumption.



### PRECISION LAPPED SEALING SURFACES

Positively control leakage and eliminate "break in" runs.



### HIGHER SPEEDS AND PRESSURES

Our seals are designed for higher speeds and pressures.

### FLAT SURFACES OF MATING FACES

Sealing surfaces are precision lapped to a flatness of one to three light bands, which maintains the necessary face film lubrication, resulting in positive leakage control.

### BROAD SELECTION OF MATERIALS OF CONSTRUCTION

Our seals come in a wide variety of materials. Choose the correct combination of elastomer, metallurgy and sealing faces for your application. See pages 137-141 for the Material Recommendation Chart.

### MECHANICAL SEALS CAN BE FOUND IN ...

- Centrifugal Pumps
- Compressors
- Gear Boxes
- Gear Pumps
- Jet Pumps
- Petrochemical Pumps
- Pool and Spa Pumps
- Progressive Cavity Pumps
- Rotary Lobe Pumps
- Slurry Pumps
- Submersible Pumps
- Turbine Pumps

# FEATURES OF SEAL TYPES A, B, C, D, E, G, Q, W, X

## TYPE A (Shaft Diameters 5/16" through 1")

**FEATURES:** Compact, unitized, single spring, elastomer bellows seal. The factory-assembled, one piece design permits fast, easy installation and the full-convolution elastomer bellows provide maximum flexibility in compensating for shaft movement and wear.

**SERVICES:** Centrifugal water pumps, deep and shallow well jet pumps, swimming pool pumps and wastewater pumps. Pressures to 75 PSI. Temperature: -40°F to +400°F.



## TYPE B (Shaft Diameters 3/8" through 1")

**FEATURES:** A full-convolution elastomer bellows provide maximum flexibility in compensating for shaft movement while torsional stress on the bellows is controlled by a dent and groove positive drive arrangement.

**SERVICES:** Small centrifugal water pumps, submersible pumps and swimming pool pumps. Pressures to 75 PSI. Temperature: -40°F to +400°F.



## TYPE C (Shaft Diameters 5/16" through 5-1/2")

**FEATURES:** Elastomer bellows seal, non-clogging, single coil spring, The drive band's notch design eliminates overstressing of the bellows.

**SERVICES:** Centrifugal, hydraulic, rotary and turbine pumps, compressors, mixers, blenders and chillers. Pressures to 150 PSI. Temperature: -40°F to +400°F.



## TYPE D, E (Shaft Diameters 1/2" through 5-1/2")

**FEATURES:** Self adjusting elastomer bellows compensate for abnormal shaft end play and primary face sealing wear. Effects of radial and axial shaft end play are minimized by uniform spring pressure.

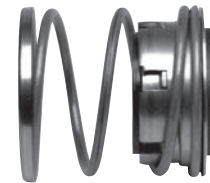
Positive drive is transmitted through the drive band and drive notches, which absorb breakout and running torque. Damaging stresses on the elastomer bellows are prevented. Slippage is eliminated, thus protecting shaft and sleeve against wear and scoring. The result is long seal life.

The seal's large single-coil spring is much sturdier than a multiple spring construction design. The spring is non-clogging, self-cleaning and will not foul up due to fluid contact. Corrosion and clogging problems are eliminated.

**SERVICES:** Used throughout industry in all types of rotary shaft equipment such as pumps, mixers, blenders, agitators and compressors. Seals can be used in an extremely wide range of services from water and steam to chemicals and corrosives.

Pressures to 350 PSI. Temperature: -40°F to +425°F

Balanced Seals - Pressures to 1200 PSI. Temperature: -40°F to +450°F (dependent upon sealed fluid, RPMs, seal size, and seal face materials)



TYPE D



TYPE E

## TYPE G (Shaft Diameters 7/16" through 1")

**FEATURES:** A compact unitized single spring elastomeric bellows shaft seal. Innovative full convolution bellows and interlocking drive band design allows for positive drive and greater tolerance to misalignment. Interference fit of primary ring insures positive drive while avoiding high face distortions associated with crimped designs.

**SERVICES:** Small centrifugal pumps used in Pool & Spa, Well Water, & HVAC applications. Pressures to 150 PSI. Temperature -20°F to +300°F.



## TYPE Q (Shaft Diameters 1/2" through 2 -1/4")

**FEATURES:** Press fitted, rubber diaphragm protects metal components, spring loaded

**SERVICES:** Ice maker and appliance applications, general purpose food service. Pressures to 30 PSI. Temperature -40°F to +400°F.



## TYPE W (Shaft Diameters 1/2" through 6")

**FEATURES:** Multi Spring, PTFE wedge design for use in extreme temperatures / chemical applications. Unitized construction. Also available in a balanced design

**SERVICES:** Corrosive fluid applications, extreme temperatures. Pressures to 350 PSI. Temperature -75°F to +500°F.



## TYPE X (Shaft Diameters 1/4" through 6")

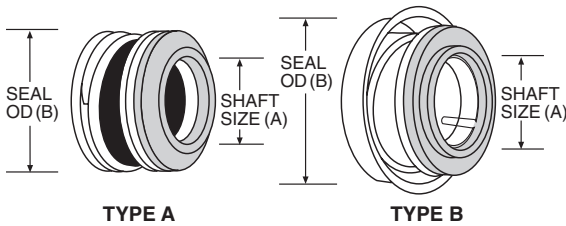
**FEATURES:** Multi Spring, O-ring design, unitized construction, flexible design compensates for shaft misalignment for high performance and longer seal life. Also available in a balanced design.

**SERVICES:** Wide usage in chemicals and corrosives. Pressures to 350 PSI. Temperature -20°F to +400°F.



# SEAL SIZING GUIDE

1. Remove seal to be replaced from shaft and/or sleeve.
2. Make note of materials used for the old seal parts using U.S. Seal Mfg. Material Code found on the front cover fold-out.
3. Identify Head type (see front cover fold-out.) Use caliper to measure inside diameter (ID) and outside diameter (OD)



## SEAL HEADS – TYPE A and B

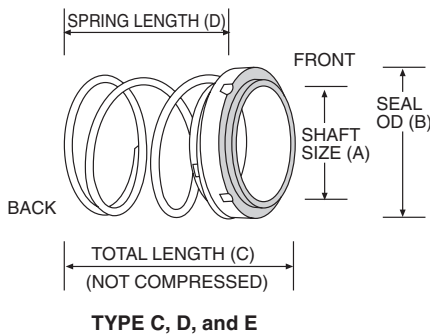
Identify seal head type - Determine Shaft Size:  
 Measure the inside diameter (ID) (dimension A)  
 Measure the outside diameter (OD) (dimension B)

The operating height is generally the same for all A and B seals of the same shaft size. More positive identification will result from calculating the mating ring dimensions below. If unable to positively identify the seal, consult U.S. Seal Mfg.

## SEAL HEADS – TYPE C, D and E

Identify seal head type - Determine Shaft Size:  
 Measure ID of the bellows (dimension A) as installed in the seal head.  
 Add approximately .016" additional for rubber squeeze.

Measure the head OD (dimension B)



Step 1. Measure the total free length (dimension C) of the rotating portion of the assembled seal. (Do not include the mating ring).

Step 2. Disassemble seal and measure the free length of the spring (dimension D).

Step 3. Take half of the measurement obtained in step 2.

Step 4. Subtract the figure obtained in step 3 from the measurement (dimension C) in step 1. The result is the approximate operating height of the seal.

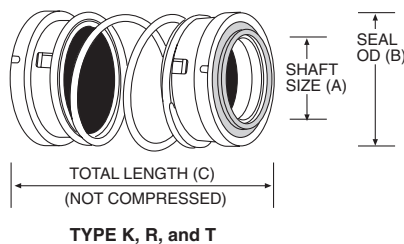
## SEAL HEADS – TYPE K, R and T

Identify seal head type - Determine Shaft Size:  
 Measure the inside diameter of the bellows (dimension A).  
 Add approximately .016" additional for rubber squeeze.  
 Measure the head OD (dimension B)

Calculate the operating height of the seal as follows:

Step 1. Measure the total length of the rotating seal (dimension C). (Not compressed).

Step 2. Multiply the total length (dimension C) by .73. The result is the approximate operating height of the seal.

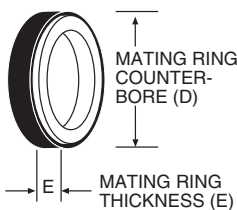


## MATING RING and GASKET

Identify the mating ring design from those shown on inside of front cover. Measure OD of the gasket while assembled on mating ring and subtract approximately .016" additional for rubber squeeze to obtain counterbore dimension (dimension D).

Measure the combined insert and gasket width (dimension E).

Use the Dimensional Cross Reference guide (pgs. 84-129) to find the part number of the seal you need, start with Shaft Size and find the line in the tables that matches the dimensions and material code.



## INCH AND METRIC CONVERSION CHART

Fraction	Decimal	MM
1/64	.0156	0.397
1/32	.0312	0.794
3/64	.0468	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0937	2.381
7/64	.1099	2.778
<b>1/8</b>	<b>.1250</b>	<b>3.175</b>
9/64	.1406	3.572
5/32	.1562	3.969
11/64	.1718	4.366
3/16	.1875	4.763
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2343	5.953
<b>1/4</b>	<b>.2500</b>	<b>6.350</b>
17/64	.2656	6.747
9/32	.2812	7.144
19/64	.2968	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3437	8.731
23/64	.3593	9.128
<b>3/8</b>	<b>.3750</b>	<b>9.525</b>
25/64	.3906	9.922
13/32	.4062	10.319
27/64	.4218	10.716
7/16	.4375	11.113
29/64	.4531	11.509
15/32	.4687	11.906
31/64	.4843	12.303
<b>1/2</b>	<b>.5000</b>	<b>12.700</b>

Fraction	Decimal	MM
33/64	.5156	13.097
17/32	.5312	13.494
35/64	.5468	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5937	15.081
39/64	.6093	15.478
<b>5/8</b>	<b>.6250</b>	<b>15.875</b>
41/64	.6406	16.272
21/32	.6562	16.669
43/64	.6718	17.066
11/16	.6875	17.463
45/64	.7031	17.859
23/32	.7187	18.256
47/64	.7343	18.653
<b>3/4</b>	<b>.7500</b>	<b>19.050</b>
49/64	.7656	19.447
25/32	.7812	19.844
51/64	.7968	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8593	21.828
<b>7/8</b>	<b>.8750</b>	<b>22.225</b>
57/64	.8906	22.622
29/32	.9062	23.019
59/64	.9218	23.416
15/16	.9375	23.813
61/64	.9531	24.209
31/32	.9687	24.606
63/64	.9843	25.003
<b>1</b>	<b>1.000</b>	<b>25.400</b>

MM	Inches	MM	Inches
.1	.0039	46	1.811
.2	.0079	47	1.850
.3	.0118	48	1.889
.4	.0157	49	1.929
.5	.0197	50	1.968
.6	.0236	51	2.007
.7	.0276	52	2.047
.8	.0315	53	2.086
.9	.0354	54	2.126
1	.0394	55	2.165
2	.0787	56	2.204
3	.1181	57	2.244
4	.1575	58	2.283
5	.1969	59	2.322
6	.2362	60	2.362
7	.2752	61	2.401
8	.3150	62	2.440
9	.3543	63	2.480
10	.3937	64	2.519
11	.4331	65	2.559
12	.4724	66	2.598
13	.5118	67	2.637
14	.5512	68	2.677
15	.5906	69	2.716
16	.6299	70	2.755
17	.6693	71	2.795
18	.7087	72	2.834
19	.7480	73	2.874
20	.7874	74	2.913
21	.8268	75	2.952
22	.8661	76	2.992
23	.9055	77	3.031
24	.9449	78	3.070
25	.9843	79	3.110
26	1.023	80	3.149
27	1.063	81	3.189
28	1.102	82	3.228
29	1.141	83	3.267
30	1.181	84	3.307
31	1.221	85	3.346
32	1.259	86	3.385
33	1.299	87	3.425
34	1.338	88	3.464
35	1.378	89	3.503
36	1.417	90	3.543
37	1.456	91	3.582
38	1.496	92	3.622
39	1.535	93	3.661
40	1.574	94	3.700
41	1.614	95	3.740
42	1.653	96	3.779
43	1.692	97	3.818
44	1.732	98	3.858
45	1.771	99	3.897
		100	3.937



See Pages 156-165 for Metric Seal Selection



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ABS USA</b>								
PS-851	A	1	1.375	3/4	BCFJF			11107939
PS-446	C	1	2.500	1-3/4	BCFJF			11116013
PS-267	C	1	2.750	2	BCFJF			11116014
PS-1679	C	1	3.125	2-1/4	BCFJF			11116015
PS-2116	C	3	3.875	3	BCFJF			11116016
<b>A-C PUMP (Div. of ITT INDUSTRIES)</b>								
PS-150	B	—	—	1/2	BMF-F			
PS-200	A	1	1.250	5/8	BMFJF		Model C1 Close Coupled Pumps Types: CR, DDH, DG, DGH, HH, HHS R, RH, RHS, RS, WH	52-104-969-803 52-104-969-813 52-104-969-823
PS-507V-P66	A	3	1.250	5/8	VCFKF	I		52-115-403-801
PS-642	B	—	—	5/8	BMF-F			52-105-071-801
PS-447V-P66	B	8	—	5/8	VCFJF	A/I		52-114-660-803
PS-118	C	1	1.187	5/8	BCFJF			
PS-359	C	1	1.250	5/8	BCFJF			52-104-945-804
PS-7689	C	1	1.250	5/8	QCFKF	I		52-126-378-801
PS-735	D	3	1.250	5/8	BCDJF			52-104-945-805
PS-647	B	—	—	3/4	BMF-F			
PS-358	C	1	1.375	3/4	BCFJF			
PS-750	D	1	1.375	3/4	BCDJF			
PS-703	D	1	1.500	7/8	BCDJF			
PS-360	A	1	1.625	1	BCFJF			52-104-969-806 52-104-969-816
PS-357	C	1	1.625	1	BCFKF			52-113-094-802
PS-460	D	1	1.625	1	BCFKF			52-104-945-804
PS-754	E	1	1.625	1	BCFJF			
PS-937	E	—	—	1	BCF-F			52-110-870-809
PS-557	E	3	1.625	1	BCFJF			52-104-870-809
PS-754V	E	3	1.625	1	VCFJF			52-116-831-801 52-116-831-804
PS-276	T	1	1.625	1	BCFJF			52-105-275-808
PS-277	T	1	1.625	1	BCFKF			52-105-275-858
T9-1000	WT	—	—	1	TCF-F	316SS		52-108-896-803
PS-355	C	1	1.750	1-1/8	BCFKF			52-104-946-803
PS-348	C	—	—	1-1/8	BCF-F			
PS-605	D	1	1.750	1-1/8	BCFKF			52-104-945-803
PS-204	E	1	1.750	1-1/8	BCFJF		SJH, Size 3 x 2-1/2, 2-1/2 x 2	08-216-526-001
PS-867	E	3	1.750	1-1/8	BCFKF			52-104-870-806
PS-185	C	1	1.875	1-1/4	BCFJF			52-113-592-801
PS-2122	C	1	1.875	1-1/4	BCFJF			52-114-901-807
PS-756	C	1	1.875	1-1/4	BCFKF			
PS-598	C	3	1.875	1-1/4	BCFKF			
PS-466	C	1	2.000	1-1/4	BCFJF			
PS-2230	C	3	2.000	1-1/4	BCFJF		Series 2000	
PS-1018	C	3	2.000	1-1/4	BCFKF		Series 2000	52-118-510-801
PS-1018-EPR-P66	C	3	2.000	1-1/4	QCFKF	I		52-126-211-801
PS-2200	C	3	2.000	1-1/4	VCFKF	I		52-114-659-808
PS-1015	E	—	—	1-1/4	BCF-F			52-110-870-807
PS-361	E	1	1.875	1-1/4	BCFJF		Model C16 with 215T & Smaller Frame Motors F2L-1, F2L-3, F2L-5 and F2L-6	52-104-609-817 52-105-609-813 52-114-605-805
PS-137	E	1	1.875	1-1/4	BCFKF			52-106-609-813 52-106-609-817
PS-108	E	1	1.875	1-1/4	NCPKP			52-105-383-807
PS-546	E	3	1.875	1-1/4	BCFJF			52-104-870-807 52-114-890-807
PS-2211	T	3	1.875	1-1/4	BCFJF			52-105-275-801
PS-177	C	1	2.000	1-3/8	BCFJF		MAXEAL®-V Sizes 6x4x12, 8x5x12, 8x6x12	52-115-605-801
PS-2134	C	1	2.000	1-3/8	BCFJF			52-121-998-801

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (Div. of ITT INDUSTRIES) (continued)</b>								
PS-210	C	1	2.000	1-3/8	BCFKF		Custom V	52-114-713-801
PS-1667	C	1	2.000	1-3/8	BCFKF		Series 8000	52-117-036-801
PS-1667-EPR-P66	C	1	2.000	1-3/8	QCFKF	I		52-126-489-801
PS-210V-P66	C	3	2.000	1-3/8	VCFKF	I		52-114-659-801
PS-4087	E	—	—	1-3/8	VCF-F	316SS		52-118-671-802 52-118-671-803
PS-354	E	1	2.000	1-3/8	BCFJF		SS-HH, SS-DH, SS-L, SS-CH	52-111-322-801
PS-677	E	1	2.000	1-3/8	BCFKF			52-105-382-801
PS-677V	E	3	2.000	1-3/8	VCFKF			52-118-679-801
T9-1375	WT	—	—	1-3/8	TCF-F	316SS		52-118-672-802
PS-758	C	1	2.125	1-1/2	BCFJF			52-112-870-801
PS-553	C	3	2.125	1-1/2	BCFKF			52-118-591-001
PS-382	D	1	2.125	1-1/2	BCFJF			52-104-945-801 52-104-945-806
PS-371	D	1	2.125	1-1/2	BCFKF			52-101-848-082 52-104-946-801
PS-314	E	3	2.000	1-1/2	BCFJF		Type-SH 4 x 3	08-301-766-066-04
PS-316	E	3	2.000	1-1/2	BCFKF		4 x 2-1/2 SKH	08-301-766-020-36
PS-4088	E Bal.	3	2.000	1-1/2	QCFJF	I		52-161-209-801
PS-238	C	1	2.375	1-5/8	BCFJF			52-110-870-811 52-114-043-805
PS-239	C	1	2.375	1-5/8	BCFKF			52-118-511-002 52-118-512-002
PS-2202	C	3	2.625	1-5/8	BCFJF		Series 2000	52-119-056-802
PS-1019	C	3	2.625	1-5/8	BCFKF		Series 2000	52-118-510-802
PS-2201	C	3	2.625	1-5/8	QCFKF	I		52-126-211-802
PS-4288	C	3	2.625	1-5/8	QCFZF			52-126-874-801
PS-609	E	1	2.312	1-5/8	BCDJF		Type-KSH	08-303-611-07-001 08-306-539-015-03 52-115-315-801
PS-281	R	3	2.375	1-5/8	BCDKF			
PS-446	C	1	2.500	1-3/4	BCFJF		MAXEAL®-V Series 5000	52-115-605-802
PS-2135	C	1	2.500	1-3/4	BCFJF			52-121-998-802
PS-1674	C	1	2.500	1-3/4	BCFKF		Series 8000	52-117-036-802
PS-1674-EPR-P66	C	1	2.500	1-3/4	QCFKF	I		52-126-489-802
PS-436V-P66	C	3	2.500	1-3/4	VCFKF	I		52-114-659-802
PS-2109	E	—	—	1-3/4	BCF-F			52-110-870-802
PS-317	E	1	2.487	1-3/4	BCFJF		5 x 5 KSG	08-303-611-07-004
PS-205	E	1	2.500	1-3/4	BCFJF		MAXEAL VII® C16, C17S, F2-2 F2-5, F2-8, F2L-2, and F2L-4	08-212-616-001
PS-366	E	1	2.500	1-3/4	BCFKF			52-110-871-802
PS-535	E	3	2.500	1-3/4	BCFJF			52-104-870-802 52-122-588-806 52-104-870-802
PS-262	E	3	2.500	1-3/4	BCFKF			52-114-890-802
PS-1197	K	1	2.500	1-3/4	BCFKF			
PS-1608	C	1	2.625	1-7/8	BCFKF			52-114-713-805
PS-2114	C	3	2.625	1-7/8	BCFJF			52-122-693-805 52-127-471-805
PS-312-EPR-P66	C	3	2.625	1-7/8	QCFKF	I		52-126-488-801
PS-2069	E	1	2.625	1-7/8	BCFJF		3 x 2 MM-2	
PS-2070	E	1	2.625	1-7/8	BCFKF		3 x 2 MM-2	08-301-766-02-065
PS-2071	E	3	2.625	1-7/8	BCFJF			52-122-588-814
PS-7884	E Bal.	3	2.500	1-7/8	BCFKF			52-121-754-802
PS-318	K	1	2.625	1-7/8	BCFJF		Models: NSW, NSWV	52-110-280-03-801
PS-1693	K	1	2.625	1-7/8	BCFKF			52-110-280-801
PS-7352	K	1	2.625	1-7/8	BCFKF			52-110-280-807
PS-1105	V	25	2.640	1-7/8	BMFJF		Model F7N-2, 4 x 4 x 11	

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (Div. of ITT INDUSTRIES) (continued)</b>								
PS-2133	C	1	2.750	2	BCFJF			52-119-056-803 52-121-998-803
PS-267	C	1	2.750	2	BCFJF			52-122-693-807
PS-1017	C	1	2.750	2	BCFKF		Series 8000	52-117-036-803
PS-1017-TC-SEAT	C	1	2.750	2	BCFZF			52-161-177-803
PS-3674	C	1	2.750	2	QCFKF	I		52-126-489-803
PS-3580	C	1	2.750	2	QCFZF	I		52-126-872-803
PS-1020	C	3	3.000	2	BCFKF		Series 2000	52-118-510-803
PS-1020-EPR-P66	C	3	3.000	2	QCFKF	I	Series 2000	52-126-211-803
PS-2112	E	—	—	2	BCF-F	316SS		52-110-870-803 52-110-871-803
PS-2112V	E	—	—	2	VCF-F	316SS		52-115-539-803
PS-319	E	1	2.687	2	BCFJF		MAXEAL® VII Series 2000	52-115-315-803 08-212-617-001
PS-478	E	1	2.687	2	BCFKF		MAXEAL® VII and KS	
PS-530	E	3	2.750	2	BCFJF			52-104-870-803 52-116-823-810
PS-477	E	3	2.750	2	BCFKF			52-123-692-801
PS-477V	E	3	2.750	2	VCFKF			52-115-946-803
PS-477V-TC-SEAT	E	3	2.750	2	VCFZF			52-115-720-807
PS-1040	K	3	2.750	2	BCFKF			52-237-862-801
PS-7196V	K	3	2.750	2	VCFJF			52-237-862-802
PS-1687	D	1	3.000	2-1/8	BCFKF			52-104-945-802
FA-3502	E	—	—	2-1/8	BCF-F	316SS		52-129-173-802
PS-327	E	3	3.000	2-1/8	BCFJF			52-129-172-801
PS-1678	C	3	3.125	2-1/4	BCFJF			52-122-693-804
PS-323	E	1	3.125	2-1/4	BCDJF		CUSTOM VII, KS, C17, 8 x 8 SH	08-216-036-001
PS-351	E	1	3.125	2-1/4	BCDKF			08-630-132-009
PS-849	E	3	3.125	2-1/4	BCDKF			52-104-870-804
PS-1688	E	3	3.125	2-1/4	BCFJF			52-122-588-808
PS-351V	E	3	3.125	2-1/4	VCDKF			52-114-660-804
PS-279	E	3	3.375	2-1/2	BCFJF		Model F2-6	
PS-349	E	3	3.375	2-1/2	BCFKF			52-104-870-805
PS-349V	E	3	3.375	2-1/2	VCFKF			52-115-946-804
PS-836	C	3	3.500	2-3/4	BCFJF			52-122-693-806
PS-483	C	3	3.500	2-3/4	BCFKF			52-114-713-804
PS-483-EPR-P66	C	3	3.500	2-3/4	QCFKF	I		52-126-488-803
PS-838	E	3	3.500	2-3/4	V/BCFJF			08-210-902-045 52-114-890-810 52-115-315-805
PS-321	E	3	3.500	2-3/4	V/BCFKF		CUSTOM VII	08-216-035-001 52-104-870-808
PS-321V	E	3	3.500	2-3/4	VCFKF			52-114-660-805
PS-7936	E	3	3.500	2-3/4	VCFZF	316SS		52-121-756-805
PS-322	K	3	3.500	2-3/4	BCFKF		NSWG, NSWV, Series 300	52-109-719-802
PS-324	E	3	3.875	3	BCDJF		12 x 12 SD	08-210-902-04-037
PS-2141	K	3	3.875	3	BCFKF			52-237-805-801
PS-2141-SC-SC	K	3	3.875	3	BLFLF			52-237-805-808
PS-6228	K	3	3.875	3	VCFJF			52-237-805-803
PS-7244	K	3	4.125	3-1/4	BCFKF			52-237-806-801
PS-4113	T	3	4.375	3-1/2	BCFKF			52-115-082-801
PS-8028	X	3	4.750	3-7/8	VCFKF	I		08-217-897-801
PS-2140	K	3	6.000	5	BCFKF			52-115-055-801 52-238-383-801
<b>ACE ENGINEERING</b>								
PS-633	C	1	1.250	5/8	BCFKF			1743-2CS
PS-112	C	1	1.375	3/4	BCFKF			2043-3CS

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ACE PUMP CORP.</b>								
PS-100	A	1	1.187	5/8	BMFJF		ACH-25, 33, 50, 75, 100, ACL-75 ACO & BCH-25, 33, 50, 75	
PS-953	A	1	1.187	5/8	BCFJF			30210F
PS-447V	B	8	—	5/8	VCFJF	A		80040F, ECL-7SG
PS-4114	B	8	1.109	5/8	Special			Z-ECL-7V
PS-202	B	11	—	5/8	BMFJF	A		BAC-7B / 40110
PS-202V	B	11	—	5/8	VCFJF	A		BAC-7V-40151F BAC-7VC BAC-7VT-40150
PS-800	C	1	1.156	5/8	BMFJF	H		
PS-1016	C	1	1.187	5/8	N/BCFJF	B		
PS-1091	C	1	1.187	5/8	VCFJF			30240F
PS-102	D	1	1.250	5/8	BCDKF			
PS-851	A	1	1.375	3/4	BCFJF		ACH-150, 200, 300 & 500, ACHX-150 BCH-100, 200, 300	30220F
PS-752	D	1	1.375	3/4	BCDKF			
PS-360	A	1	1.625	1	BCFJF		BCH-300, 500, 750, 1000 Models 100S, 133S, 150S, 175S	
PS-360V-CMS	A	1	1.625	1	VCFJF			42120F, GE-7-V
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			30265F
PS-185V-SC-SC	C	1	1.875	1-1/4	VLFLF			30266F
PS-185V	C	3	1.875	1-1/4	VCFJF			BAC-7-750V, BAC-7-850V
<b>ACURA SPA SYSTEMS, INC.</b>								
PS-1000	B	1	1.250	5/8	BMFJF		Aquaheat, Aquaheat Plus, Magnaflow, Magnaflow 56, Maverick, Supercharger, Supercharger II	1090-A
<b>ADAMATION, INC.</b>								
PS-3401	Q	9	—	1	NMDKF	A		75-7050-020
PS-758	C	1	2.125	1-1/2	BCFJF			55-6301-364-6193
<b>ADVANCED PROCESS TECHNOLOGY, INC.</b>								
PS-112V	C	3	1.375	3/4	VCFKF			90551
PS-756V	C	3	1.875	1-1/4	VCFKF			90119
<b>ADVANTAGE ENGINEERING, INC.</b>								
PS-552	C	3	1.250	5/8	BCFJF			6480000
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		6491000
PS-633V-P66	C	3	1.250	5/8	VCFKF	I		6490000, 6495301
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			6495612
PS-553	C	3	2.125	1-1/2	BCFKF			6480000
PS-4361	D	1	2.500	1-3/4	BLFZF			6480005
<b>AERMOTOR PUMPS</b>								
PS-100	A	1	1.187	5/8	BMFJF			17038
PS-200	A	1	1.250	5/8	BMFJF			SJ-45
PS-274	E	1	1.250	5/8	BCDJF			
PS-487	E	1	1.250	5/8	BCDKF			
PS-201	A	1	1.375	3/4	BMFJF			SJ-47
PS-275	C	1	1.375	3/4	BCFJF			
<b>AG CHEMICAL EQUIPMENT</b>								
PS-202V	B	11	—	7/8	VCFKF	A		000015
PS-360V-CMS	A	1	1.625	1	VCFJF			GL-7V
PS-235	C	1	1.625	1	BCFJF			BM-7274
PS-235V	C	3	1.625	1	VCFJF		9MFP, 16PK, CC1-1/2, CC 2-3	BM-7274X

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AG CHEMICAL EQUIPMENT (continued)</b>								
PS-756V	C	3	1.875	1-1/4	VCFKF			703225
PS-3940	C	3	1.875	1-1/4	VRFLF			513745, 513747
PS-466	C	1	2.000	1-1/4	BCFJF			BM-7275
PS-466V	C	1	2.000	1-1/4	VCFJF			BM-7275X
<b>AIR-O-LATOR CORP.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			37SM-125CC
PS-598-SC-SC	C	3	1.875	1-1/4	BLFLF			37SM-125SC
PS-816	C	3	2.125	1-1/2	BCFJF			37SM-150CC
PS-553-SC-SC	C	3	2.125	1-1/2	BLFLF			37SM-150SC
PS-2217	C	3	2.125	1-1/2	BZFZF			37SM-150TC
PS-550	C	3	2.500	1-3/4	BCFJF			37SM-175CC
PS-436-SC-SC	C	3	2.500	1-3/4	BLFLF			37SM-175SC
PS-436-TC-TC	C	3	2.500	1-3/4	BZFZF			37SM-175TC
PS-532	C	3	2.750	2	BCFJF			37SM-200CC
<b>ALCO</b>								
PS-832	D	3	2.750	2	BCDKF		Models 244D and 539	2250033-2, 5250013-3
<b>ALLIED PUMP CORP.</b>								
PS-507	A	1	1.250	5/8	BMFKF			
<b>ALLIS CHALMERS (See A-C PUMP)</b>								
<b>AMERICAN DISH SERVICE</b>								
PS-162	A	1	1.000	1/2	BMFJF			
<b>AMERICAN MACHINE AND TOOL CO. (AMT)</b>								
PS-200	A	1	1.250	5/8	BMFJF			MS-626V
PS-200V-CMS	A	1	1.250	5/8	VCFJF			1640-161-91
PS-642	B	—	—	5/8	BMF-F			
PS-933V	C	—	—	5/8	VCF-F			1646-005-0
PS-201	A	1	1.375	3/4	BMFJF			MS-756-B
PS-348V	C	—	—	1-1/8	VCF-F			1645-000-00
PS-356	C	1	1.750	1-1/8	BCFJF			287-15A/B
<b>AMERICAN-MARSH PUMPS</b>								
PS-633V	C	3	1.250	5/8	VCFKF			890031
PS-112V	C	3	1.375	3/4	VCFKF			890004
PS-687V	C	3	1.500	7/8	VCFKF			890036
PS-185	C	1	1.875	1-1/4	BCFJF			10-1400-02
PS-756	C	1	1.875	1-1/4	BCFKF			890003
PS-2208	C	1	1.875	1-1/4	BZFZF			10-1400-02S4
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			800-011-869
PS-756V	C	3	1.875	1-1/4	VCFKF			890044
PS-758	C	1	2.125	1-1/2	BCFJF			10-1401-01
PS-446	C	1	2.500	1-3/4	BCFJF			10-1402-00
PS-267	C	1	2.750	2	BCFJF			10-1403-09
PS-267V	C	3	2.750	2	VCFJF			890023
<b>AMERICAN PRODUCTS</b>								
PS-150	B	—	—	1/2	BMF-F			
PS-1000	B	1	1.250	5/8	BMFJF		Americana II®, Bronze-Bronze® Eagle® Maxim, Power-Glass®, Ultra-Flo®	397012 397020
PS-201	A	1	1.375	3/4	BMFJF		Americana®, Bronze-Noryl®	395005
<b>AMPCO PUMPS CO.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			GS625002
PS-633V-CMS	C	1	1.250	5/8	VCFKF			GS625003

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AMPCO PUMPS CO. (continued)</b>								
PS-357	C	1	1.625	1	BCFKF			GS5009976
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			GS1125008
PS-7908	C	1	1.875	1-1/4	BCFJF	316SS/I		GS4810341, GS5097400
PS-756	C	1	1.875	1-1/4	BCFKF			GS5009974
PS-2122V-CMS	C	1	1.875	1-1/4	VCFJF			GS8105960
PS-1109-EPR	C	3	1.875	1-1/4	QCFKF			GS8106850
PS-3543	C	1	2.375	1-5/8	VCFZF	316SS/I		GS5098409
<b>AMPRO-DIACLEAR</b>								
PS-163	B	1	1.000	1/2	BMFJF		Dia Cast, Lexan®-200 Series	AP-504D
PS-1000	B	1	1.250	5/8	BMFJF		Dura-Flo®, Noryl® Turbo, XL 600	AP-304D
<b>ANTHONY</b>								
PS-100	A	1	1.187	5/8	BMFJF			04547
PS-1000	B	1	1.250	5/8	BMFJF			04380
<b>A.O. SMITH CORP.</b>								
PS-162	A	1	1.000	1/2	BMFJF			55831, 64135
PS-506	A	1	1.000	1/2	BMFKF			9708-1, 9708-4
PS-752	D	1	1.375	3/4	BCDKF			
<b>APOLLO DENTAL PRODUCTS, INC.</b>								
PS-218	A	—	—	5/8	BCF-F			MMS71110
<b>AQUA-CHEM</b>								
PS-358	C	1	1.375	3/4	BCFJF			925-7520
PS-235	C	1	1.625	1	BCFJF			925-7526
PS-251	E	3	1.625	1	BCFKF			925-7509
PS-618	C	3	1.875	1-1/4	BCFJF			925-7563
PS-177	C	1	2.000	1-3/8	BCFJF			925-7523
PS-2114	C	3	2.625	1-7/8	BCFJF			925-7562
<b>AQUA-FLO</b>								
PS-2131	A	1	—	5/8	BMFJF	G	Flo-Master®, Tub-Master®	91049000
PS-200	A	1	1.250	5/8	BMFJF		Circ-Master®, Dominator®—High Head Dominator®—Medium Head, Flo-Master® Pond-Flo, Tub-Master®	92500150 92500151
PS-200V-CMS	A	1	1.250	5/8	VCFJF			92500152
PS-642	B	—	—	5/8	BMF-F			
PS-1021	B	8	—	5/8	BMFJF	A	K-81159 PU10	
PS-1000	B	1	1.250	5/8	BMFJF		A, B, and D-Series A, C, and D-Series, Dominator® High and Medium head – pre 1995	92509040 92500050
PS-201	A	1	1.375	3/4	BMFJF			
PS-309	C	1	1.500	7/8	BCFJF		AC Series	92500000
PS-361	E	1	1.875	1-1/4	BCFJF			
<b>ARBEE CORP.</b>								
PS-235	C	1	1.625	1	BCFJF			
PS-351	E	1	3.125	2-1/4	BCDKF			
<b>ARDE BARINCO, INC.</b>								
PS-3765	K	1	3.000	2-1/8	VCFRF			A63-18V
<b>ARMSTRONG PUMPS, INC. (For Additional Listings - See Page 154)</b>								
PS-8066	X Special	1	.864	1/4	QCFLF		Gemini / 10	180200-277, 880200-277
PS-401A	C	1	.938	1/2	BCFJF			816549-091
PS-3844	C	1	.938	1/2	BCFJF			816706-001, 816706-002 816706-021, 916706-021
PS-392	C	1	.938	1/2	B/QMFJF			816032-000
PS-3843	C	1	.938	1/2	VCFJF			116706-021, 116706-023 816706-003, 816706-004 816706-023, 916706-023

**NOTE:** A. MOUNTS ON SHAFT  
G. MOUNTS IN PLASTIC  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ARMSTRONG PUMPS, INC. (continued) (For Additional Listings - See Page 154)</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			810134-000, 910134-000
PS-358V	C	3	1.375	3/4	VCFJF			816707-001, 816707-002
PS-750-P66	D	1	1.375	3/4	BCDJF	I		116707-001
PS-752	D	1	1.375	3/4	BCDKF			
PS-750V-CMS-P66	D	1	1.375	3/4	VCDJF	I		116707-003, 116707-004
PS-750V	D	3	1.375	3/4	VCDJF			816707-003
PS-8006	XB2	27	2.375	1-1/8	VCFJF	316SS		975002-003
PS-3029	C	1	1.750	1-1/4	BCFJF	B		975000-958
PS-979	C	1	1.765	1-1/4	BCFKF	B		
PS-185-EPR-P66	C	1	1.875	1-1/4	QCFJF	I		975000-991
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		810150-125
PS-2203	C	3	1.875	1-1/4	QCFKF	I		
PS-977	D	1	1.750	1-1/4	BCFKF			
PS-976	D	1	1.765	1-1/4	BCFJF			825458-001
PS-3023	D	1	1.875	1-1/4	QCFLF	I		975000-981, 975000-982 9975000-981
PS-517	D	3	1.875	1-1/4	BCFKF			810150-137
PS-517-TC-SEAT	D	3	1.875	1-1/4	BCFZF			810150-133
PS-383V	D	3	1.875	1-1/4	VCFKF			810150-127
PS-3030	C	1	2.375	1-5/8	QCFJF	I		975000-993
PS-7017	C	3	2.375	1-5/8	QCFKF	I		975000-961
PS-514	D	1	2.375	1-5/8	BCDJF			
PS-461	D	1	2.375	1-5/8	BCDKF			
PS-3025	D	1	2.375	1-5/8	QCFLF	I		975000-983, 975000-984 9975000-983
PS-8040	XB2	27	2.843	1-5/8	VCFJF	316SS		975000-956, 975002-033
PS-205	E	1	2.500	1-3/4	BCFJF			425920-001
PS-338-EPR	C	3	3.000	2-1/8	QCFJF			975000-997, 9975000-997
PS-543V	C	3	3.000	2-1/8	VCFKF			D101166-108
PS-3035	D	1	3.000	2-1/8	VCFLF	I		975000-987, 975000-985 9975000-987
PS-8035	XB2	27	3.375	2-1/8	VCFJF	316SS		975000-957, 975002-073
PS-853	C	3	3.375	2-1/2	BCFKF		Model 4600 12x10x12.5	D101166-010
<b>ARNESON PRODUCTS, INC.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Pool Sweep	A-8
<b>ASTRAL POOL</b>								
PS-200	A	1	1.250	5/8	BMFJF		Sena	Series 1800
PS-1000	B	1	1.250	5/8	BMFJF		Astramax	Series 1600
<b>ATLANTIC FLUIDICS (Div. of TUTHILL VACUUM SYSTEMS)</b>								
PS-1000	B	1	1.250	5/8	BMFJF			
PS-601	B	1	1.375	3/4	BMFJF			
PS-356	C	1	1.750	1-1/8	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-177	C	1	2.000	1-3/8	BCFJF			
<b>AURORA PUMPS (For Replacement Seal Kits - See Page 144)</b>								
PS-7520	C	1	1.250	.590 (15MM)	BCFKF	I		712-6444-749
PS-129	D	1	1.250	.590 (15MM)	BCDJF			712-0703-754
PS-1675	D	1	1.250	.590 (15MM)	BCFKF			712-0703-752
PS-100	A	1	1.187	5/8	BMFJF			712-7042-750
PS-2204	A	1	1.250	5/8	VCFZF			712-2042-767
PS-290	C	1	1.250	5/8	BCFJF		BJ, BJH, BJV, BJF w/Motors thru 3/4 HP 1750 RPM Thru 1-1/2 HP 3500 RPM	712-1003-753
PS-633	C	1	1.250	5/8	BCFKF			712-1003-749

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA PUMP (continued) (For Replacement Seal Kits - See Page 144)</b>								
PS-358	C	1	1.375	3/4	BCFJF		BJ, BJH, BJV, BJF W/ Motors 1HP 1750 RPM Up, 2 HP 3500 RPM Up. Types: GAFA, GAHA, GAPB, GAVA, Models: GA-4, 5, 6, 7 and 9.	
PS-2229	C	1	1.375	3/4	BCFKF			712-1004-749
PS-7843	C	1	1.375	3/4	VCFJF			712-1004-764 712-1004-769A
PS-2229V-P66	C	1	1.375	3/4	VCFKF	I		712-1004-745
PS-752	D	1	1.375	3/4	BCDKF			712-0705-755
PS-135	D	1	1.500	.787 (20MM)	BCDJF		#5 Series Turbine Pump	712-0707-752 712-0707-754
PS-614	D	1	1.500	.787 (20MM)	BCDKF			712-0707-755
PS-3900	D	1	1.625	1	BCDKF	I		712-6452-755
PS-380	D	1	1.625	1	BCFJF			712-0709-754
PS-460-P66	D	1	1.625	1	BCFKF	I		712-0709-755
PS-356	C	1	1.750	1-1/8	BCFJF		BC, BCH, BCV, BCF and GBH w/Frames 56 thru 256U. Type: GBHA & GBVA w/Mtr. Frs. 143T, 145T, 182T & 184T. Type: GBPA w/Power Frame 1. Type OJ Power Series, 2 x 2 1/2 x 9-10-12	712-0907-753
PS-355-P66	C	1	1.750	1-1/8	BCFKF	I		712-0907-749
PS-7325	C	1	1.750	1-1/8	QCFZF			712-0907-769
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			712-0907-764
PS-355V-CMS	C	1	1.750	1-1/8	VCFKF			712-0907-745
PS-801	C	3	1.750	1-1/8	BCFJF			712-2732-753
PS-2226	C	3	1.750	1-1/8	QCFZF	I		712-0937-769
PS-384	E	1	1.750	1-1/8	BCFKF			712-0454-749
PS-867	E	3	1.750	1-1/8	BCFKF			712-0354-756
PS-136	D	1	1.875	1.181 (30MM)	BCDJF		#6 Series Turbine Pump	712-0713-754
PS-1179-P66	D	1	1.875	1.181 (30MM)	BCDKF	I		712-0713-755
PS-1179V-P66	D	1	1.875	1.181 (30MM)	VCDKF	I		712-0713-774
PS-3938	D	1	1.875	1.181 (30MM)	VCFZF	I		712-0713-727
PS-306	E	1	1.875	1-3/16	BCDJF		GGU, KCM, KCMF, KGG, KU, KUF	712-0305-754
PS-185	C	1	1.875	1-1/4	BCFJF			712-0908-753
PS-137	E	1	1.875	1-1/4	BCFKF		GMC & GAC	712-0306-755
PS-758	C	1	2.125	1-1/2	BCFJF		BC, BCH, BCV & GBH W/Motor Frame 284U & Up. GBHA & GBVA W/Motor Frame 213T & Up. OJ Power Series #2.	712-1010-753
PS-2232	C	1	2.125	1-1/2	BCFKF	I		712-0910-749
PS-2209	C	1	2.125	1-1/2	BZFZF			712-0910-678
PS-7632	C	1	2.125	1-1/2	QCFZF	I		712-0910-769
PS-659V-CMS-P66	C	1	2.125	1-1/2	VCFKF	I		712-0910-745
PS-7747	C	1	2.125	1-1/2	VCFZF	I		712-0910-767
PS-553	C	3	2.125	1-1/2	BCFKF			712-0940-749
PS-758V	C	3	2.125	1-1/2	VCFJF			712-0910-764
PS-382	D	1	2.125	1-1/2	BCFJF			712-0718-754
PS-305	E	1	2.125	1-1/2	BCFJF			
PS-7933	E	1	2.125	1-1/2	QCFZF	I		712-0409-769
PS-395	E	3	2.125	1-1/2	BCFJF			712-0459-753
PS-258	E	3	2.125	1-1/2	BCFKF			712-0359-753 712-0359-764
PS-7562	E	3	2.125	1-1/2	QCFZF	I		712-0359-769
PS-4368	E	5	2.125	1-1/2	QCFZF	I		712-1432-769
PS-664	E	3	2.375	1-9/16	BCDJF			712-0310-754
PS-446	C	1	2.500	1-3/4	BCFJF		Type OJ Power Series #3	712-1012-753

**NOTE:** I. ABRASION RESISTANT CARBON (P66)



## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA PUMP (continued) (For Replacement Seal Kits - See Page 144)</b>								
PS-448-P66	C	1	2.500	1-3/4	BCFKF	I		712-1012-749
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			712-1012-764
PS-4153	C	1	2.500	1-3/4	VCFJF	316SS		
PS-448V-SC-SC	C	1	2.500	1-3/4	VLFLF			712-1012-576
PS-436-P66	C	3	2.500	1-3/4	BCFKF	I		712-1042-749
PS-7035	C	3	2.500	1-3/4	QCFZF	I		712-1042-769
PS-366-P66	E	1	2.500	1-3/4	BCFKF	I		712-0412-749
PS-7736	E	1	2.500	1-3/4	QCFZF	I		712-0412-769 712-0462-769
PS-366V-CMS-P66	E	1	2.500	1-3/4	VCFKF	I		712-0412-745
PS-535	E	3	2.500	1-3/4	BCFJF			712-0462-753
PS-4429	E	5	2.500	1-3/4	BCFZF	I		712-1433-747
PS-4372	E	5	2.500	1-3/4	QCFZF	I		712-1433-769
PS-267	C	1	2.750	2	BCFJF		Type OJ Power Series #4	712-1014-753
PS-842-P66	C	1	2.750	2	BCFKF	I		712-1014-749
PS-2219	C	1	2.750	2	BZFZF			712-1014-678
PS-267V-CMS	C	1	2.750	2	VCFJF			712-1014-764
PS-842V-P66-CMS	C	1	2.750	2	VCFKF	I		712-1014-745
PS-332	C	3	2.750	2	BCFKF			712-1044-749
PS-479V	E	3	2.750	2	VCFJF			
PS-3708	E	1	2.750	2	BCFZF	I		712-1434-747
PS-1678	C	3	3.125	2-1/4	BCFJF			
PS-7766	K	3	3.125	2-1/4	BCFJF			712-6478-753
PS-7060	K	3	3.281	2-1/4	BCFKF	I		712-6410-749
PS-268-CMS	C	1	3.250	2-3/8	BCFJF			712-1017-753
PS-492-CMS-P66	C	1	3.250	2-3/8	BCFKF	I		712-0917-749 712-2717-749
PS-268	C	3	3.250	2-3/8	BCFJF		Type OJ Power Series #5	712-1047-753
PS-492	C	3	3.250	2-3/8	BCFKF			712-1047-749
PS-492-P66	C	3	3.250	2-3/8	BCFKF	I		712-1017-749
PS-268V	C	3	3.250	2-3/8	VCFJF	I		712-1047-764
PS-4006	E	1	3.250	2-3/8	BCFZF	I		712-1435-747
PS-278	E	3	3.250	2-3/8	BCFJF			712-0467-753
PS-350	E	3	3.250	2-3/8	BCFKF			712-0462-756 712-0467-756
PS-278V	E	3	3.250	2-3/8	VCFJF			712-0467-764
PS-269	C	3	3.375	2-1/2	BCFJF		SPHER-Flo Series 4A-4B	712-1012-739 712-1048-753
PS-3924	E	3	3.250	2-1/2	BCFJF			712-6390-756
PS-279	E	3	3.375	2-1/2	BCFJF			712-0468-753
PS-349	E	3	3.375	2-1/2	BCFKF			712-0468-756
PS-349-P66	E	3	3.375	2-1/2	BCFKF	I		712-0468-755
PS-2205-EPR	E	3	3.375	2-1/2	QCFKF	I		
PS-1695	K	3	3.375	2-1/2	BCFKF			712-2743-749
PS-270	C	3	3.750	2-7/8	BCFJF		Type OJ Power Series #6	
PS-841-P66	E	3	3.750	2-7/8	BCFKF	I		712-0471-755
PS-2116	C	3	3.875	3	BCFJF			712-7010-739
PS-3836	U	3	3.875	3	BCFJF			712-7038-753
PS-3553	T	3	4.781	3-5/8	BCFKF	I		712-6415-749

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA PUMP (continued) (For Replacement Seal Kits - See Page 144)</b>								
PS-8054	V	3	4.781	3-5/8	BCFKF	I		712-6416-749
PS-272	C	3	4.625	3-3/4	BCFJF			
PS-4414	V	3	6.781	5	BCFKF			712-6421-749
<b>AUTOMATIC ICE &amp; BEVERAGE</b>								
PS-6312	Q	Special	1.625	1	BMD/PA/NP			9121026-91
<b>BAKER-HYDRO (Div. of WATERCO USA)</b>								
PS-200	A	1	1.250	5/8	BMFJF			35B1178
PS-3985	B	1	1.375	3/4	BCFJF			634016
<b>BAKER MFG. CO.</b>								
PS-1050	C	—	—	1/2	BCF-F			E93B
PS-1050V	C	—	—	1/2	VCF-F			E93V
PS-933V	C	—	—	5/8	VCF-F			
PS-732	C	3	1.250	5/8	BCFKF			F18AM, F18AMP
PS-208	C	—	—	7/8	BCF-F			H93B
PS-617	C	3	1.500	7/8	BCFKF			H18AM, H18AMP
PS-309V	C	3	1.500	7/8	VCFJF			H18FMV
PS-687V	C	3	1.500	7/8	VCFKF			H18BMV, H18BMVF
								H18BMVP
PS-4318	D	3	1.500	7/8	NCFLF			H18MNN
<b>BALDWIN-LIMA-HAMILTON (PATERSON PUMP CO.)</b>								
PS-371	D	1	2.125	1-1/2	BCFKF			600-28-267
PS-288	D	1	2.500	1-3/4	BCDKF			600-28-284
<b>BALTIMORE AIRCOIL CO.</b>								
PS-299	A	—	—	5/8	BMF-F			300329
PS-974	A	—	—	3/4	BCF-F			300331
<b>BALZER, INC.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			33013
PS-598-SC-SC	C	3	1.875	1-1/4	BLFLF			36755
<b>BANJO CORP.</b>								
PS-3985	B	1	1.375	3/4	BCFJF			12713BN, 12733BN
PS-4056	B	1	1.375	3/4	QCFJF			12713, 12733
PS-3986	B	1	1.375	3/4	VCFJF			12713V, 12733V
PS-601V	B	3	1.375	3/4	VCFJF			127135
PS-3785	C	1	1.625	1	VCFJF			17035, 17135
PS-3959	K	1	1.625	1	VCFJF			17235
PS-3813	C	1	2.125	1-1/2	VCFJF	B/H		18025, 18125
<b>BARNARD-LEAS MFG.</b>								
PS-200V	A	3	1.250	5/8	VCFJF			5-0-17
<b>BARNES, JOHN S.</b>								
PS-400	C	—	—	1/2	BMF-F			PA-4947
PS-933	C	—	—	5/8	BCF-F			PA-2408
PS-508	D	1	1.250	5/8	BCDJF			5080
PS-358	C	1	1.375	3/4	BCFJF		3SE2042L	67562
PS-578	D	—	—	7/8	BCD-F			PA-2421
PS-397	C	—	—	1	BCF-F			PA-1525
PS-348	C	—	—	1-1/8	BCF-F			PA-4386
PS-383	D	1	1.875	1-1/4	BCFKF			Y-42
PS-461	D	1	2.375	1-5/8	BCDKF			Y-45
PS-223	D	—	—	1-7/8	BCD-F			PA-3684
<b>BEACH RUSS</b>								
PS-400	C	—	—	1/2	BMF-F			
PS-678	K	—	—	5/8	BCF-F			
PS-564	C	—	—	3/4	BCF-F			
PS-145	K	—	—	3/4	BCF-F			
PS-141	R	—	—	1	BCF-F			
PS-185	C	1	1.875	1-1/4	BCFJF			

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT (Div. of ITT CORP.) (For Additional Listings - See Page 154)</b>								
PS-8066	Special	1	.864	1/4	QCFLF			189144
PS-400A	—	1	.938	1/2	B - - J -			118619
PS-401	C	—	—	1/2	BCF-F			118614
PS-400	C	—	—	1/2	BMF-F		Cast Iron 3/4 thru 3 Booster Pumps Type: E and H1 Type: E1, 1-1/4, 1-1/2HV	PZ-3118, 118680 PZ-4118
PS-401A	C	1	.938	1/2	BCFJF		For PD-35, PD-37 Series 1522	Kit #3, 186681
PS-393	C	1	.938	1/2	BMFKF			
PS-392	C	1	.938	1/2	B/QMFJF		Bronze 3/4 thru 3 Boosters BPD 35, BPD 37-Series 1522-PD 35 & PD 37 - Series 60AA 1522 Cast Iron	Kit #7,189102, 189182 Kit 118681, 3TC29 200AB-F58
PS-7712	C	1	1.125	1/2	BMFJF			Kit #20
PS-4349	G	1	.938	1/2	QLFLF			P86261
PS-516	A	1	1.250	5/8	BCFJF			DP0304
PS-200	A	1	1.250	5/8	BMFJF			180013
PS-118	C	1	1.187	5/8	BCFJF			186879
PS-359	C	1	1.250	5/8	BCFJF			
PS-2160	C	1	1.250	5/8	BCFJF			DP0302, 180014
PS-399	D	—	—	3/4	BCD-F			PW2Z-3188 P-18008-0601
PS-437	D	1	1.275	3/4	BCDJF		1512-PD-39, BPD-39 and 60A	Kit #2, 172553, 185260 186433, 186499
PS-4024	G	1	1.275	3/4	QLFLF			P86262
PS-309	C	1	1.500	7/8	BCFJF			DP0294
PS-397	C	—	—	1	BCF-F			
PS-235	C	1	1.625	1	BCFJF			180011, 650PF
PS-398	D	—	—	1	BCF-F			PW1Z-4118
PS-348	C	—	—	1-1/8	BCF-F		Universal Straight thru M Type	PHD-118A
PS-356	C	1	1.750	1-1/8	BCFJF			180017
PS-3712	D	3	1.750	1-1/8	VCFZF	I		DP0-476
PS-384	E	1	1.750	1-1/8	BCFKF			
PS-4204	C	1	1.750	1-1/4	QRFLF			
PS-978	C	1	1.765	1-1/4	BCFJF	B	All Iron-Series 1510, 1515, 1531 (Small Frame) Types M1 and M2	Kit #4 & 10 186692,186860, 186862
PS-979	C	1	1.765	1-1/4	BCFKF	B		Kit #4 & 10
PS-978- EPR-TC	C	1	1.765	1-1/4	QCFZF	B		186861
PS-978- EPR-SC-SC	C	1	1.765	1-1/4	QCFLF	B		P75423
PS-978V	C	1	1.765	1-1/4	VCFJF	B		185060
PS-185- P66	C	1	1.875	1-1/4	BCFJF	I		P70511
PS-185V- CMS	C	1	1.875	1-1/4	VCFJF			P70513, 186877
PS-416	D	—	—	1-1/4	BCF-F			
PS-976	D	1	1.765	1-1/4	BCFJF		Series 1510, 1515, 1531 Universal (Small Frame) Types M1 and M2	Kit #1 185011, 186680
PS-977	D	1	1.750	1-1/4	BCFKF			
PS-6261	G	1	1.875	1-1/4	QCFJF	316SS/I		P75221
PS-6260	G	1	1.875	1-1/4	QCFZF	316SS/I		P75223
PS-6264	G	1	1.875	1-1/4	VCFJF	316SS/I		P75225
PS-177	C	1	2.000	1-3/8	BCFJF			52-115-605-801 / DP0298
PS-172	C	—	—	1-3/8	BCF-F			AC5228
PS-172- P66	C	—	—	1-3/8	BCF-F	I		P63336
PS-376- EPR-P66	D	—	—	1-3/8	QCD-F	I		P63316
PS-491	D	1	2.000	1-3/8	BCDJF			186827
PS-186	D	1	2.000	1-3/8	BCDKF		VSC 4 x 4x 9-3/4, 5 x 5 x 9-3/4, 5 x 5 x 12, 6 x 6 x 9-3/4	P77084
PS-7803	D	1	2.000	1-3/8	QCDZF	I		186834
PS-186V	D	1	2.000	1-3/8	VCDKF			
PS-224	E	3	2.125	1-1/2	NCFKF			
PS-238	C	1	2.375	1-5/8	BCFJF			186544

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT (Div. of ITT CORP.) (continued) (For Additional Listings - See Page 154)</b>								
PS-238-EPR	C	1	2.375	1-5/8	QCFJF			
PS-4288	C	3	2.625	1-5/8	QCFZF			AC3048
PS-514	D	1	2.375	1-5/8	BCDJF		Series 1531, 1510 Universal (Large Frame) M2 and C	Kit #8 186543
PS-461	D	1	2.375	1-5/8	BCDKF			Kit #8
PS-514-EPR-P66	D	1	2.375	1-5/8	QCDZF	I		185225
PS-6262	G	1	2.375	1-5/8	QCFJF	316SS/I		P75222
PS-6263	G	1	2.375	1-5/8	QCFZF	316SS/I		P75224
PS-2108	C	—	—	1-3/4	BCF-F			AC5229
PS-2108-P66	C	—	—	1-3/4	BCF-F	I		P63337
PS-550	C	3	2.500	1-3/4	BCFJF			52-112-693-802
PS-446V	C	3	2.500	1-3/4	VCFJF			F4992S
PS-237	D	1	2.500	1-3/4	BCDJF			186826
PS-288	D	1	2.500	1-3/4	BCDKF		VSC 6 x 6 x 12, 8 x 8 x 10-1/2 & 13	P77033
PS-7652	D	1	2.500	1-3/4	QCDZF	I		186835
PS-2111	C	—	—	2	BCF-F			AC0642, AC5230
PS-4345	C	3	3.000	2	BCFJF	I		P70517
PS-3027	C	3	3.000	2	QCFZF			AC3049
PS-4357	G	25	2.750	2	QCFLF		VSX	P5001889
PS-3019	G	25	2.750	2	QLFLF	316SS		P5001028
PS-3020	G	3	3.000	2-1/8	QCFJF	316SS		P75396
PS-1676	C	3	3.125	2-1/4	BCFKF			52-118-949-802
PS-594	D	3	3.250	2-3/8	BCDKF		VSC 10 x 10 x 13, 12 x 12 x 13	P81905
PS-834	D	3	3.250	2-3/8	BCDJF		VSC 10 x 10 x 13, 12 x 12 x 13	186828
PS-3804	G	25	3.375	2-1/2	QCFLF		VSX	P5001891
PS-7909	D	3	3.375	2-5/8	BCFJF	I		P75572, 185377
PS-328-P66	E	3	3.375	2-5/8	BCFJF	I		
PS-838	E	3	3.500	2-3/4	V/BCFJF			52-122-588-813
PS-3802	G	3	3.875	3	QCFLF		VSX-VSH 18 x 10 x 22A	P5001893
PS-3793	G	3	4.375	3-1/2	QCFLF		VSX-VSC 14 x 16 x 17	P5001895
<b>BEMATEK SYSTEMS, INC.</b>								
FA-10047	C	—	—	2	VCF-F			20178-P2347
<b>BENNETT PUMPS</b>								
PS-400	C	—	—	1/2	BMF-F		541-M-1003	541-M-1003
PS-157	C	—	—	3/4	BCF-F		541-M-1001	541-M-1001
<b>BERKELEY (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-516	A	1	1.250	5/8	BCFJF			S-20788, S-20789 S-20994
PS-200	A	1	1.250	5/8	BMFJF		New Style Mid-Jet S4 Models: HS, CIMPS, CIMPHS, CIXPS, CIXPRS, C1-1/4MPS, B1-1/2APKS, D1-1/2MPKS	S-08019, S-20790
PS-202	B	11	—	5/8	BMFJF	A	BM-3081 Mid-Jet 49-53 B1MRS, B1MRHS, B1XRHS B1- 1/4MRS, B1-1/2MRS	S-05053, S-05645 S-16844, S-20900 S-20996
PS-202V	B	11	—	5/8	VCFJF	A		S-18150
PS-3960	G	1	1.250	5/8	BCFJF			S-08019
PS-851	A	1	1.375	3/4	BCFJF			S-20794, S-21961
PS-973	A	1	1.375	3/4	BCFKF			S-22380
PS-201	A	1	1.375	3/4	BMFJF		New Style: C1-1/2TPLS, C2TPMS, C2-1/2TPMS, B1-1/2MQKS C2TPMS, C2-1/2TPMS, B1XQHS B1-1/4MQS, B1-1/2MQS	S-05646, S-20791 S-20792, S-21962
PS-921	A	1	1.375	3/4	BMFKF			S-20793, S-32280
PS-201V-CMS	A	1	1.375	3/4	VCFJF			S-18662
PS-440	B	11	—	3/4	BMFJF	A		S-20997
PS-7618	B	11	1.375	3/4	BCFJF	***		S-06405
PS-750	D	1	1.375	3/4	BCDJF		Model 142MPKS, 1-1/2MQKS	S-05647

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)  
\*\*\* COMPLETE WITH MATING RING ADAPTOR

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BERKELEY (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-752	D	1	1.375	3/4	BCDKF			S-20780
PS-2008	D	1	1.375	3/4	BCFJF			S-20779
PS-360	A	1	1.625	1	BCFJF			S-08742, S-09583 S-20795, S-20796
PS-460	D	1	1.625	1	BCFKF			S-20781
PS-754	E	1	1.625	1	BCFJF			S-14867, S-20763
PS-236	E	1	1.625	1	BCFKF			S-20764, S-20765
PS-356	C	1	1.750	1-1/8	BCFJF			S-32690
PS-2227	C	1	1.750	1-1/8	BCFJF			S-32689
PS-604	D	1	1.750	1-1/8	BCFJF			S-16812
PS-605	D	1	1.750	1-1/8	BCFKF			S-20783
PS-204	E	1	1.750	1-1/8	BCFJF			S-07216, S-20766
PS-384	E	1	1.750	1-1/8	BCFKF			S-20767, S-20768, S-20995
PS-185	C	1	1.875	1-1/4	BCFJF			S-32014
PS-2122	C	1	1.875	1-1/4	BCFJF			S-32013
PS-381	D	1	1.875	1-1/4	BCFJF		Model 2TPKHS, 3TQKHS, 2TQKIS, 3TQKHS, 22TQKHS, 2TRKHS	S-05649, S-20784 S-20785
PS-383	D	1	1.875	1-1/4	BCFKF			S-20786
PS-361	E	1	1.875	1-1/4	BCFJF		All Models A Line Pump except 6YPH, 4EPBL & 6YP	S-05648 S-20770
PS-137	E	1	1.875	1-1/4	BCFKF			S-15368, S-20769, S-20775
PS-1185	E	1	1.875	1-1/4	NCPJP			S-20771
PS-883	K	1	1.875	1-1/4	BCFJF			S-39485
PS-305	E	1	2.125	1-1/2	BCFJF		Models 6YPH, 4EPBL, B1-1/2TQLS, B2TQMS, 2-1/2TQMS, B3TQMS	S-05650 S-20774
PS-374	E	1	2.125	1-1/2	BCFKF			S-15385
PS-258	E	3	2.125	1-1/2	BCFKF			S-20773, S-20775
PS-374V	E	3	2.125	1-1/2	VCFKF			S-15538
PS-821	D	3	2.375	1-5/8	BCDJF			S-16656
PS-446	C	1	2.500	1-3/4	BCFJF			S-32015
PS-2142	C	1	2.500	1-3/4	BCFJF			S-32692
PS-237	D	1	2.500	1-3/4	BCDJF			S-16768
PS-288	D	1	2.500	1-3/4	BCDKF			
PS-205	E	1	2.500	1-3/4	BCFJF		A Line Pump, Model B3TPMS	S-07277, S-20776, S-20777
PS-366	E	1	2.500	1-3/4	BCFKF			
PS-593	D	3	2.625	1-7/8	BCDKF			S-20787, S-20993
PS-2069	E	1	2.625	1-7/8	BCFJF			S-15213, S-20778 S-32693, S-32694
PS-2072	E	3	2.625	1-7/8	BCFKF			S-20884
PS-479	E	1	2.750	2	BCFJF			S-13481
PS-4235	C	3	3.000	2-1/8	BCFJF			S-32016
PS-537	E	1	3.000	2-1/8	BCFJF			S-15894, S-15950
PS-353	E	1	3.000	2-1/8	BCFKF			S-16076
PS-327	E	3	3.000	2-1/8	BCFJF			S-17274
PS-835	D	3	3.375	2-1/2	BCDJF			S-18337
PS-463	D	3	3.375	2-1/2	BCDKF			S-30320
<b>BLACKMER (DOVER CORP.)</b>								
PS-303	D	1	1.500	7/8	BCDKF			333030
PS-9007	W	Special	2.156	1	TCFJF	316SS		333102
PS-9338	W	27	1.812	1-1/16	TCFKF			331277
<b>BLAKESLEE, INC.</b>								
PS-235V	C	3	1.625	1	VCFJF		PUMPAKS Models 30-010 thru 30-023	32-036
PS-3401	Q	9	—	1	NMDKF	A		02255
<b>BLUE, JOHN CO.</b>								
PS-879	K	1	1.625	1	BCFJF			S-3565
<b>BOWSER</b>								
PS-564	C	—	—	3/4	BCF-F			27A09
PS-466	C	1	2.000	1-1/4	BCFJF			28A09
<b>BRADEN WINCH</b>								
PS-201	A	1	1.375	3/4	BMFJF			

NOTE: A. MOUNTS ON SHAFT

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BSM PUMP CORP.</b>								
PS-181	C	20	Plate	5/8	NCPGP		Models: 2S, 102 and 220, 225, 240, 245 with 5/8" Shaft	713-9020-270
PS-358	C	1	1.375	3/4	BCFJF			466-142-1
PS-182	C	20	Plate	3/4	NCPGP		Models: 3S, 53, 55, 103	713-9030-270
PS-235	C	1	1.625	1	BCFJF			466-137-1
PS-185	C	1	1.875	1-1/4	BCFJF			213-744-274
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		466-292, 713-9245-270
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			466-292-1
PS-186	D	1	2.000	1-3/8	BCDKF			466-143-1
PS-237	D	1	2.500	1-3/4	BCDJF			213-752-274
<b>BUFFALO PUMPS</b>								
PS-290	C	1	1.250	5/8	BCFJF		Models: BPL, BPM, BPO	CC-10900
PS-235	C	1	1.625	1	BCFJF		Models: BPL, BPM, BPO	CC-10901
PS-384	E	1	1.750	1-1/8	BCFKF		Model 1-1/2, 2 & 3SL, 1-1/2 & 2SA W/ Solid Shafts, 2-1/2SW	
PS-137	E	1	1.875	1-1/4	BCFKF		1-1/2, 2 & 3SL, SA Sleeved	231-31-330
PS-354	E	1	2.000	1-3/8	BCFJF			
PS-677	E	1	2.000	1-3/8	BCFKF			
PS-2104	E	—	—	1-3/8	BCF-F			231-31-412 231-31-1012, 231-31-1573
PS-374	E	1	2.125	1-1/2	BCFKF		4SL, 3SA, 2RR, 284 Stage, 6SLH & 4HSM	
PS-744	E	1	2.375	1-5/8	BCDKF		5SL, 4S, Large Frame	13564-6
PS-2070	E	1	2.625	1-7/8	BCFKF		6SL, 4RR, 6HSM, 2 Stage D1 Dbl. Suction, 4SL Extra Heavy	13564-8
PS-7869	E	1	2.625	1-7/8	QCFZF	I		231-31-1150 231-31-1620 231-31-1724
PS-279	E	3	3.375	2-1/2	BCFJF			
PS-349	E	3	3.375	2-1/2	BCFKF		Model 8SL	
PS-350	E	3	3.250	2-3/8	BCFKF		D2 Dbl. Suction Pumps, 6S & 6SU	
<b>BURKS PUMPS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		21727
PS-200	A	1	1.250	5/8	BMFJF			17038
PS-290	C	1	1.250	5/8	BCFJF			8514 ,23846
PS-290V	C	1	1.250	5/8	VCFJF			9652, 9676, 9762, 3CJSM
PS-2206	C	3	1.250	5/8	QCFKF			20764-C
PS-1156V	C	3	1.250	5/8	VCFKF			20498-C
PS-201	A	1	1.375	3/4	BMFJF			17039
PS-358	C	1	1.375	3/4	BCFJF		Series CS-Turbine Pump	
PS-358V	C	3	1.375	3/4	VCFJF			9813
PS-185	C	1	1.875	1-1/4	BCFJF			9917
PS-756-EPR	C	1	1.875	1-1/4	QCFKF			21271
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			9926
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			23559
PS-381	D	1	1.875	1-1/4	BCFJF		33066-1-1/2	
PS-4044	C	1	2.125	1-3/8	BCFJF			
PS-238	C	1	2.375	1-5/8	BCFJF			21136
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			21189
PS-1068	C	1	2.500	1-3/4	BCFKF			M3842-C
<b>BYRON JACKSON - (Div. of FLOWERVE)</b>								
PS-775	D	3	1.500	7/8	BCDJF		Series 400	D-30903
PS-428	R	1	1.500	7/8	BCDJF		Series 400	D-30904
PS-2033	D	3	1.625	1	BCFJF		Series 513	D-30433
PS-382	D	1	2.125	1-1/2	BCFJF			

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CAMAC INDUSTRIES</b>								
PS-358V-CMS	C	1	1.375	3/4	VCFJF			Series 50
PS-883V-CMS	K	1	1.875	1-1/4	VCFJF			254
<b>CAMERON COMPRESSION SYSTEMS</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			2-01S-073-003
PS-805-P66	C	3	2.000	1-3/8	BCFJF	I		Z109-500
PS-239	C	1	2.375	1-5/8	BCFKF			2-01S-077-001
<b>CARTER PUMPS, INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF			1S-5010
PS-200	A	1	1.250	5/8	BMFJF			1S-5005A, 1S-5054
PS-290	C	1	1.250	5/8	BCFJF		Humdinger Pump	1S-5023, 1S-5035
PS-201	A	1	1.375	3/4	BMFJF			1S-5039
PS-360	A	1	1.625	1	BCFJF			2S-5050, 2S-5089 2S-5054, 2S-5112
PS-383	D	1	1.875	1-1/4	BCFKF			2S-5116, 2S-5119 3S-5239
PS-186	D	1	2.000	1-3/8	BCDKF			4S-5106, 4S-5151
PS-553	C	3	2.125	1-1/2	BCFKF			
PS-446	C	1	2.500	1-3/4	BCFJF			4S-5052
PS-147	D	—	—	1-3/4	BCD-F			4S-5052
PS-237	D	1	2.500	1-3/4	BCDJF			6S-5202
PS-288	D	1	2.500	1-3/4	BCDKF			5S-5029
<b>CARVER PUMP CO.</b>								
PS-200	A	1	1.250	5/8	BMFJF		B20-1, B1-2-1-1/4	
PS-359	C	1	1.250	5/8	BCFJF		BB20-1	
PS-201	A	1	1.375	3/4	BMFJF		K1/2, L20-11	
PS-358	C	1	1.375	3/4	BCFJF		Model T14C6	
PS-188	E	1	1.500	7/8	BCFJF			
PS-229	E	3	1.500	7/8	BCFKF			091-087-02-0212
PS-360	A	1	1.625	1	BCFJF		KN-3LC	
PS-356	C	1	1.750	1-1/8	BCFJF		A300-810	
PS-627	C	1	1.750	1-1/8	BCFJF	B	26C6, 2-1/2YC7, 2YC7, 3YC9	
PS-185	C	1	1.875	1-1/4	BCFJF		K2L-20-9	
PS-525	C	3	1.875	1-1/4	BCFKF	B		
PS-466	C	1	2.000	1-1/4	BCFJF			090-125-01-0101
PS-466V	C	1	2.000	1-1/4	VCFJF			090-125-01-0103
PS-4131	C	1	2.000	1-1/4	VCFJF	316SS		090-125-01-0114
PS-466V-SC-SEAT	C	1	2.000	1-1/4	VCFLF			090-125-01-0166
PS-381	D	1	1.875	1-1/4	BCFJF		KN-2H-2L-3N	
PS-264-P66	E	3	1.875	1-1/4	BCFKF	I		090-125-02-0236
PS-4049	E	3	1.875	1-1/4	VCFLF	316SS		090-125-02-1269
PS-681	U	1	1.875	1-1/4	BCD/FJF		1, 1-1/4, 1-1/2, 2, 3, 4L, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4LA, 1LB, 1-1/4, 2, 2-1/2, 3, 4H, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4HA 4B, 4BB, 4GHB, 4GHC	
PS-186	D	1	2.000	1-3/8	BCDKF			090-162-02-4608
PS-745	E	1	2.375	1-5/8	BCDJF			
PS-822	E	3	2.375	1-5/8	BCDKF			
PS-1699-P66	E	3	2.375	1-5/8	BCFKF	I		090-162-02-0236
PS-1683V	E	3	2.375	1-5/8	VCFJF			090-162-02-0203
PS-262-EPR-P66	E	3	2.500	1-3/4	QCFKF	I		090-175-02-0246
PS-7252	E	1	2.625	1-3/4	BCFJF			090-175-01-0110
PS-2130	E	3	2.625	1-3/4	BCFJF			
PS-4141	E	3	2.625	1-3/4	QCFZF	I		090-175-01-0137
PS-4261	E	3	2.625	1-3/4	VCFJF			090-175-01-0114
PS-4228	E	3	2.625	1-3/4	VCFZF	316SS/I		090-175-01-0105
PS-8059	XBT	3	2.375	1-7/8	QCFZF	316SS/I		090-187-02-99AZ

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CARVER PUMP CO. (continued)</b>								
PS-8010	X Bal.	3	2.375	1-7/8	VCFZF	316SS/I		090-187-02-9958
PS-3522	E	3	2.750	2	BCFKF	316SS/I		090-200-02-0236
PS-477	E	3	2.750	2	BCFKF			
PS-3999	E	3	2.750	2	VCFZF	316SS		091-200-02-1678
PS-353V	E	3	3.000	2-1/8	VCFKF			090-212-02-0204
PS-3576	E	3	3.125	2-1/4	VCFJF	316SS/I		090-225-02-02EG
PS-2098V	E	3	3.250	2-3/8	VCFKF			090-237-02-0204
<b>CATERPILLAR</b>								
PS-642	B	—	—	5/8	BMF-F			4S-7805
PS-647	B	—	—	3/4	BMF-F			1N-9177
PS-235	C	1	1.625	1	BCFJF			6N-4743, 6N-9313
<b>C-B TOOL CO. (LANCASTER PUMP DIVISION)</b>								
PS-150	B	—	—	1/2	BMF-F			4761
PS-200	A	1	1.250	5/8	BMFJF			2661
PS-201	A	1	1.375	3/4	BMFJF			1661
PS-357	C	1	1.625	1	BCFKF		4400 Series	
<b>CENTRAL SCIENTIFIC (CENCO) (HYVAC PRODS.)</b>								
PS-452	B	9	—	5/8	BMFJF	A		P-35332
PS-441	B	9	—	3/4	BMFKF	A		P-35334
PS-112	C	1	1.375	3/4	BCFKF			
PS-1026	D	1	1.437	3/4	BCDKF			P-35219
PS-547	C	3	2.000	1-3/8	BCFKF			P-29538
<b>CENTREX</b>								
PS-299	A	—	—	5/8	BMF-F			
PS-360	A	1	1.625	1	BCFJF			201-491,201-493
<b>CH&amp;E MFG CO.</b>								
PS-516	A	1	1.250	5/8	BCFJF			W105-7A
PS-200	A	1	1.250	5/8	BMFJF			W105-7
PS-200V-SC-SC	A	1	1.250	5/8	VLFLF			W105-7C
PS-851	A	1	1.375	3/4	BCFJF			W105-1
PS-201V-CMS	A	1	1.375	3/4	VCFJF			W105-1V
PS-1125-SC-SC	C	1	1.375	3/4	BLFLF			W105-1D
PS-145	K	—	—	3/4	BCF-F			W105-8
PS-7434	C	1	1.625	1	BCFJF			W105-2
PS-380	D	1	1.625	1	BCFJF			W105-10
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			W105-15A
PS-758	C	1	2.125	1-1/2	BCFJF			W105-4
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			W105-4C
PS-541	K	1	2.125	1-1/2	BCFJF			W105-6A
PS-541V-CMS	K	1	2.125	1-1/2	VCFJF			W105-6AV
PS-432	R	1	2.125	1-1/2	BCFKF			W105-6
PS-449	K	1	2.500	1-3/4	BCFJF			W105-11A
<b>CHALLENGE MFG.</b>								
PS-642	B	—	—	5/8	BMF-F			
PS-647	B	—	—	3/4	BMF-F			
PS-235	C	1	1.625	1	BCFJF			D-97
PS-357V	C	3	1.625	1	VCFKF			D-98
PS-355	C	1	1.750	1-1/8	BCFKF			E-97
PS-659	C	1	2.125	1-1/2	BCFKF			H-97
PS-659V	C	3	2.125	1-1/2	VCFKF			H-98
<b>CHAMPION INDUSTRIES</b>								
PS-200	A	1	1.250	5/8	BMFJF			106467
PS-447-EPR	B	8	—	5/8	QCFJF	A/I		108426

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CHAMPION INDUSTRIES (continued)</b>								
PS-3100	Q	—	—	1	NMDKF	Unitized		110276
PS-758	C	1	2.125	1-1/2	BCFJF			110611
<b>CHEMINEER, INC. (Unit of ROBBINS &amp; MYERS)</b>								
PS-238V	C	3	2.375	1-5/8	VCFJF			472-00082
<b>CHICAGO PUMP (Div. of YEOMANS CHICAGO CORP.)</b>								
PS-100	A	1	1.187	5/8	BMFJF			2665171
PS-200	A	1	1.250	5/8	BMFJF			2658090
PS-263	D	1	1.187	5/8	BCDKF			266910
PS-750	D	1	1.375	3/4	BCDJF			2655888, 2663071
PS-265	D	3	1.375	3/4	BCDKF			2675337
PS-250	D	3	1.500	7/8	BCDKF			2675339
PS-188	E	1	1.500	7/8	BCFJF			2657110, 2663072
PS-229	E	3	1.500	7/8	BCFKF			267338
PS-380	D	1	1.625	1	BCFJF			2613940, 2663369
PS-252	D	3	1.625	1	BCFKF			2675341
PS-754	E	1	1.625	1	BCFJF			2655887
PS-251	E	3	1.625	1	BCFKF			2675340
PS-604	D	1	1.750	1-1/8	BCFJF			2658071
PS-605	D	1	1.750	1-1/8	BCFKF			2655131
PS-254	D	3	1.750	1-1/8	BCFKF			2675344
PS-253	E	3	1.750	1-1/8	BCFKF			2675343
PS-306	E	1	1.875	1-3/16	BCDJF			2655886
PS-255	E	3	1.875	1-3/16	BCDKF			2675345
PS-361	E	1	1.875	1-1/4	BCFJF			2657093, 2663048
PS-256	E	3	1.875	1-1/4	BCFKF			2675347
PS-264	E	3	1.875	1-1/4	BCFKF			2675318
PS-354	E	1	2.000	1-3/8	BCFJF			2655089
PS-257	E	3	2.000	1-3/8	BCFKF			2675350
PS-258	E	3	2.125	1-1/2	BCFKF			2675351
PS-259	E	3	2.125	1-1/2	BCFKF			2675352
PS-868	T	1	2.125	1-1/2	BCFJF		VPM-LLC4	
PS-446	C	1	2.500	1-3/4	BCFJF			117185
PS-262	E	3	2.500	1-3/4	BCFKF		VPM-LMC4	2675354
<b>CLAY EQUIPMENT</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			0-902718-0
PS-758	C	1	2.125	1-1/2	BCFJF			0-902719-0
<b>CLAYTON MARK</b>								
PS-501	A	1	1.250	5/8	BMFJF			29304B
<b>CLEARWATER INDUSTRIES</b>								
PS-163	B	1	1.000	1/2	BMFJF			516069
<b>CLEAVER-BROOKS, INC.</b>								
PS-358	C	1	1.375	3/4	BCFJF			925-65
<b>CLEVELAND GEAR CO.</b>								
PS-5082	C	1	1.750	1	BCFKF	H		Z1032N
PS-254	D	3	1.750	1-1/8	BCFKF			Z1028C
PS-326V	D	3	1.937	1-1/4	VCFKF		Reducer 70	Z1028D
PS-4363	D	3	2.187	1-1/2	BCFGF			Z1028E
PS-3026	D	3	2.437	1-5/8	BCDGF			Z1028F
PS-333	D	3	2.812	2	NCPGP		Reducer 400	Z1028G
PS-335V	D	3	3.375	2-1/2	VCPGP			Z1028H
PS-3713	D	3	4.000	3	NCPGP			Z1028J
<b>CLIMAX ENGINE</b>								
PS-299	A	—	—	5/8	BMF-F			125-101
PS-380	D	1	1.625	1	BCFJF			
<b>CLOW CORP. (YEOMANS CHICAGO CORP.)</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			C3-2-57
PS-2208	C	1	1.875	1-1/4	BZFZF			C3-2-72
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			C3-2-142

NOTE: H. SPRING HOLDER NOT INCLUDED

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CLOW CORP. (YEOMANS CHICAGO CORP.) (continued)</b>								
PS-383V	D	3	1.875	1-1/4	VCFKF			C3-2-12
PS-883	K	1	1.875	1-1/4	BCFJF			C3-2-82
PS-210V	C	3	2.000	1-3/8	VCFKF			C3-2-51
PS-758	C	1	2.125	1-1/2	BCFJF			C3-2-73
PS-2209	C	1	2.125	1-1/2	BZFZF			C3-2-58
PS-446	C	1	2.500	1-3/4	BCFJF			C3-2-59
PS-2210	C	1	2.500	1-3/4	BCFZF			C3-2-93
PS-436V	C	3	2.500	1-3/4	VCFKF			C3-2-100
PS-449	K	1	2.500	1-3/4	BCFJF			C3-2-43
PS-267	C	1	2.750	2	BCFJF			C3-2-60
PS-842-TC-SEAT	C	1	2.750	2	BCFZF			C3-2-94
PS-1145	C	1	2.750	2	VCFKF			C3-2-98
PS-2143	K	1	2.750	2	BCFJF			C3-2-47
PS-7196	K	3	2.750	2	BCFJF			
PS-3562	T	3	2.937	2-1/16	BCFKF			C3-2-153
PS-844	C	1	3.000	2-1/8	BCFJF			C3-2-83
PS-887	K	1	3.000	2-1/8	BCFJF			C3-2-44
PS-1679	C	1	3.125	2-1/4	BCFJF			C3-2-61
PS-1676V	C	3	3.125	2-1/4	VCFKF			C3-2-99
PS-2158	K	1	3.375	2-1/2	BCFJF			C3-2-53
PS-3518	K	1	3.875	3	BCFJF			C3-2-45
<b>COLT-AUTOSAN</b>								
PS-754	E	1	1.625	1	BCFJF			97049
<b>COLUMBIA</b>								
PS-142	B	1	1.000	1/2	BMFJF			
<b>COMPAIR LeROI</b>								
PS-299	A	—	—	5/8	BMF-F			125-101
PS-687V	C	3	1.500	7/8	VCFKF			125-907
PS-598	C	3	1.875	1-1/4	BCFKF			
PS-210V	C	3	2.000	1-3/8	VCFKF		Model No A204-1455	125-940
PS-467	C	1	2.125	1-3/8	BCFKF			
PS-1062	C	3	2.125	1-3/8	VCFKF			125-188-2
PS-6002	D	3	3.375	2-5/8	VCFKF			125-848
PS-6155	C	2	3.500	2-3/4	VCFKF			125-711
<b>CONSOLIDATED DIESEL ELECTRIC</b>								
PS-758	C	1	2.125	1-1/2	BCFJF			0338-0275
<b>CONSTRUCTION MACHINE (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>CONTINENTAL PUMP</b>								
PS-290	C	1	1.250	5/8	BCFJF			V8-15Q
PS-359	C	1	1.250	5/8	BCFJF			U8-15Q, V8-15A
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			
PS-358	C	1	1.375	3/4	BCFJF			U8-56QA/R
PS-358V-CMS	C	1	1.375	3/4	VCFJF			U8-56F
<b>COOPER ENERGY SERVICES (See CAMERON COMPRESSION SYSTEMS)</b>								
<b>CORCORAN CO.</b>								
PS-358V	C	3	1.375	3/4	VCFJF			
<b>CORKEN, INC.</b>								
PS-756V	C	3	1.875	1-1/4	VCFKF			2994-XD
<b>CORNELL PUMP CO.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			A17161J-40, A17161P-40
PS-546	E	3	1.875	1-1/4	BCFJF			A15002C-40, A15002E-40 A17161X-40
PS-264	E	3	1.875	1-1/4	BCFKF			A15002B-40
PS-137V	E	3	1.875	1-1/4	VCFKF			A15002D-40

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CORNELL PUMP CO. (continued)</b>								
PS-2211	T	3	1.875	1-1/4	BCFJF			A15002H-40
PS-3607	T	3	1.875	1-1/4	NAFGF			A15002I-40
PS-864	E	3	2.000	1-3/8	BCFJF			A15003J-40
PS-821	D	3	2.375	1-5/8	BCDJF			A15005H-40
PS-1697	D	3	2.375	1-5/8	BCFKF			A17064M-40
PS-3772	D	3	2.375	1-5/8	VZFLF			A17064X-40
PS-595	E	3	2.375	1-5/8	BCDJF			A15005D-40
PS-822	E	3	2.375	1-5/8	BCDKF			A15005C-40
PS-1683	E	3	2.375	1-5/8	BCFJF			A15005A-40
PS-1699	E	3	2.375	1-5/8	BCFKF			A15005Y-40
PS-1699V	E	3	2.375	1-5/8	VCFKF			A15005X-40
PS-550	C	3	2.500	1-3/4	BCFJF			A15006F-40, A15006M-40
PS-436-TC-VS-SC	C	3	2.500	1-3/4	BZFLF			A15006J-40
PS-532	C	3	2.750	2	BCFJF			A15007J-40, A20777G-40
PS-833	D	3	2.750	2	BCDJF			A15007D-40, A17264P-40
PS-2075	D	3	2.750	2	BCFJF			A15007M-40
PS-530	E	3	2.750	2	BCFJF			A15007B-40
PS-2143	K	1	2.750	2	BCFJF			A15007J-40
PS-468	D	3	3.250	2-1/2	BCDJF			A15008E-40
PS-463-TC-SC	D	3	3.375	2-1/2	BZFLF			A17258W-40 A205226U-40
PS-3888	D	3	3.375	2-1/2	VZFLF			A16421D-40, A20526R-40
PS-279	E	3	3.375	2-1/2	BCFJF			A15008A-40
PS-349V-TC-SC	E	3	3.375	2-1/2	VZFLF			A20526F-40
PS-2158	K	1	3.375	2-1/2	BCFJF			A15008R-40
PS-1613	K	3	3.375	2-1/2	BCFJF			A15008R-40
PS-6219	D	3	3.875	3	BZFLF			A169721-40
PS-4033	D	3	3.875	3	VZFLF			A169720-40, A20564P-40
PS-324	E	3	3.875	3	BCDJF			A15009A-40
PS-7873	K	3	3.875	3	BCFJF			A15009G-40
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		58125
PS-106	C	1	1.000	1/2	BCFKF	N		58216
PS-1002V	C	1	1.000	1/2	VCFJF	N		55716
PS-200	A	1	1.250	5/8	BMFJF		Fig. 4910-63, 4357, 4358	
PS-501	A	1	1.250	5/8	BMFJF		Fig. 4910, 11, 12, 13 / 4963, 4966, 4967	
PS-507	A	1	1.250	5/8	BMFKF			
PS-200V-CMS	A	1	1.250	5/8	VCFJF			40861
PS-507V-CMS	A	1	1.250	5/8	VCFKF			8009530
PS-493	C	1	1.187	5/8	BCFKF			0006841, 0006876
PS-359	C	1	1.250	5/8	BCFJF			34427
PS-633	C	1	1.250	5/8	BCFKF			0115515
PS-359V-CMS	C	1	1.250	5/8	VCFJF			0115835
PS-226	D	1	1.187	5/8	BCDKF			0006875, 0020444
PS-201	A	1	1.375	3/4	BMFJF		Fig. 3305, 3352, 4352, 4910, 4911	
PS-750	D	1	1.375	3/4	BCDJF			
PS-208	C	—	—	7/8	BCF-F			6880
PS-687	C	1	1.500	7/8	BCFKF		Fig. 4001	30877
PS-309V	C	3	1.500	7/8	VCFJF			84876
PS-687V	C	3	1.500	7/8	VCFKF			84877
PS-790	D	1	1.437	7/8	BCDJF		Fig. 4001, Dwg. 112-041	
PS-703	D	1	1.500	7/8	BCDJF		Fig. 4001, Dwg. 116-386	30876
PS-892	K	1	1.500	7/8	BCFJF		Fig. 4001	0030894
PS-878	K	1	1.500	7/8	BCFKF		Fig. 4001	30895
PS-428	R	1	1.500	7/8	BCDJF		Fig. 4001, Dwg. 113-068	
PS-2145	C	3	1.437	1	BCFJF			65187
PS-3755	C	3	1.437	1	VCFJF			75513
PS-235	C	1	1.625	1	BCFJF			30878

NOTE: N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-357	C	1	1.625	1	BCFKF		Fig. 4011, Dwg. 115-313	30879
PS-460	D	1	1.625	1	BCFKF		Fig. 4011	
PS-879	K	1	1.625	1	BCFJF			30896
PS-891	K	1	1.625	1	BCFKF			30897
PS-141	R	—	—	1	BCF-F		Fig. 3302-04 #2	
PS-429	R	1	1.625	1	BCFJF			30896
PS-430	R	1	1.625	1	BCFKF			30897
PS-608	E	1	1.687	1-1/8	BCFKF		Fig. 4012, Size 1A	
PS-384	E	1	1.750	1-1/8	BCFKF			29177
PS-185	C	1	1.875	1-1/4	BCFJF			0030880, 0070713
PS-756	C	1	1.875	1-1/4	BCFKF			30881
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			0088458, 0088459
PS-598-TC SEAT	C	3	1.875	1-1/4	BCFZF			8030880
PS-756V	C	3	1.875	1-1/4	VCFKF			84881
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-383	D	1	1.875	1-1/4	BCFKF		7180	
PS-546	E	3	1.875	1-1/4	BCFJF		Model: AVS	0078876, 0078879
PS-883	K	1	1.875	1-1/4	BCFJF			30898
PS-890	K	1	1.875	1-1/4	BCFKF			30899
PS-1187	T	1	1.875	1-1/4	BCFJF			45935
PS-186	D	1	2.000	1-3/8	BCDKF			30882
PS-209	K	—	—	1-3/8	BCF-F			
PS-2234	E	3	2.062	1-7/16	BCFKF		Models: 1523, 1535	36636
PS-758	C	1	2.125	1-1/2	BCFJF			30884
PS-659	C	1	2.125	1-1/2	BCFKF		Fig. 4021HD	30885
PS-2209	C	1	2.125	1-1/2	BZFZF			8030885
PS-659V-CMS	C	1	2.125	1-1/2	VCFKF			84885
PS-382	D	1	2.125	1-1/2	BCFJF		Fig. 4021HD	
PS-541	K	1	2.125	1-1/2	BCFJF			0030900
PS-884	K	1	2.125	1-1/2	BCFKF			0030901
PS-431	R	1	2.125	1-1/2	BCFJF			
PS-432	R	1	2.125	1-1/2	BCFKF			
PS-238	C	1	2.375	1-5/8	BCFJF			0030886
PS-239	C	1	2.375	1-5/8	BCFKF			0030887
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			106330
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			106331
PS-446	C	1	2.500	1-3/4	BCFJF		Model 7360	0030888
PS-448	C	1	2.500	1-3/4	BCFKF			0030889
PS-2207	C	3	2.500	1-3/4	VCFZF			117779
PS-237	D	1	2.500	1-3/4	BCDJF			
PS-535	E	3	2.500	1-3/4	BCFJF		Model 3065	0078882
PS-2109	E	—	—	1-3/4	BCF-F			0078877
PS-449	K	1	2.500	1-3/4	BCFJF		Fig.4031, Fig.7182	0030904
PS-213	R	—	—	1-3/4	BCD-F			
PS-2144	T	3	2.500	1-3/4	BCFJF			45936
PS-340	C	1	2.625	1-7/8	BCFJF			46389
PS-1608	C	1	2.625	1-7/8	BCFKF			0046390
PS-312	C	3	2.625	1-7/8	BCFKF			
PS-543	C	1	3.000	2-1/8	BCFKF			0030891, 425650999
PS-543V	C	3	3.000	2-1/8	VCFKF			119412
PS-353	E	1	3.000	2-1/8	BCFKF			
PS-2086	E	3	3.000	2-1/8	BCFKF			
PS-2126	T	3	3.000	2-1/8	BCFJF			45937
PS-1679	C	1	3.125	2-1/4	BCFJF			0030892
PS-1676	C	3	3.125	2-1/4	BCFKF			0030893
PS-1676V	C	3	3.125	2-1/4	VCFKF			75520
<b>CRANE PUMPS &amp; SYSTEMS</b>								
PS-3000	G	1	26MM	12MM	BLFLF			112566B

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE PUMPS &amp; SYSTEMS (continued)</b>								
PS-633-EPR-CMS	C	1	1.250	5/8	QCCKF			124476
PS-7547	C	1	1.250	5/8	VLFLF			005080SK
PS-732	C	3	1.250	5/8	BCFKF			21752
PS-5625	Special	1	1.250	5/8	QC-J-			23568
PS-3916	C	3	1.375	3/4	BCFJF			110395
PS-767	C	3	1.375	3/4	BCFJF			63599
PS-9339	W	2	1.375	3/4	TCFJF	316SS		21741
PS-8064	X	3	1.375	3/4	BLFLF	316SS		083459-A
PS-309	C	1	1.500	7/8	BCFJF			M-3824-B, 30876
PS-687V-CMS	C	1	1.500	7/8	VCFKF			120941
PS-774	C	3	1.500	7/8	BCFJF			111131
PS-197	K	—	—	7/8	BCF-F			M-3046
PS-8065	X	3	1.500	7/8	BLFLF	316SS		082827-A
PS-235	C	1	1.625	1	BCFJF			M-4292-B
PS-357	C	1	1.625	1	BCFKF		5MPK, 6MFP, 9MFP, 16PK, CC1-1/2-1-1/2, CC1-1/2-2	M-4292-C
PS-2145	C	3	1.437	1	BCFJF			68157
PS-235V	C	3	1.625	1	VCFJF			M-4292-G, 7841-0
PS-4302	C	1	1.750	1-1/8	BCFJF			21942-P
PS-604	D	1	1.750	1-1/8	BCFJF			M-4274-C
PS-521	D	1	1.875	1-1/8	BCFKF			
PS-756	C	1	1.875	1-1/4	BCFKF			19146, 110697
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			23109
PS-185V-TC-SEAT	C	1	1.875	1-1/4	VCFZF			118359
PS-466	C	1	2.000	1-1/4	BCFJF			M-3957-C
PS-598-TC-SEAT	C	3	1.875	1-1/4	BCFZF			121918
PS-756V	C	3	1.875	1-1/4	VCFKF			20500-C, 84881
PS-1015	E	—	—	1-1/4	BCF-F			78876
PS-7323	K	1	1.875	1-1/4	BZ/CFZ/JF			60817
PS-467	C	1	2.125	1-3/8	BCFKF			M-3983-C
PS-177V	C	3	2.000	1-3/8	VCFJF			7842-0
PS-758	C	1	2.125	1-1/2	BCFJF			0030884, 070713
PS-2209	C	1	2.125	1-1/2	BZFZF			0030885A
PS-238	C	1	2.375	1-5/8	BCFJF			0030886
PS-7806	C	1	2.375	1-5/8	VLFLF			125579
PS-239V	C	3	2.375	1-5/8	VCFKF			23150
PS-2212	C	1	2.500	1-3/4	BCFJF			M-3842-F
PS-1068	C	1	2.500	1-3/4	BCFKF			M-3842-C
PS-446-TC-TC	C	1	2.500	1-3/4	BZFZF			71559
PS-550	C	3	2.500	1-3/4	BCFJF			125852
PS-4035	C/X Special	1	2.500	1-3/4	BCFJF			M-9262
PS-213	R	—	—	1-3/4	BCD-F			M-2653
PS-340	C	1	2.625	1-7/8	BCFJF			46389
PS-1028	C	1	2.750	2	BCFKF			M-4414-C
PS-2219	C	1	2.750	2	BZFZF			71560
PS-1145	C	3	2.750	2	VCFKF			0-536026-E
PS-7892	E Bal.	3	2.625	2	BCFKF			9054995
PS-7196	K	3	2.750	2	BCFJF			00103045
PS-543	C	1	3.000	2-1/8	BCFKF			0030891
PS-1679	C	1	3.125	2-1/4	BCFJF			0030892
PS-468	D	3	3.250	2-1/2	BCDJF			M-4272-B
PS-6205	C	1	3.500	2-3/4	BCFJF			85980
PS-6908	C	1	3.500	2-3/4	BZFZF			85981
PS-2153-CMS	C	1	3.875	3	BCFJF			085983
<b>CREPACO</b>								
PS-397	C	—	—	1	BCF-F			549S6407F

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CREPACO (continued)</b>								
PS-397V	C	—	—	1	VCF-F			549S6408F
PS-154	C	—	—	1-1/4	BCF-F			549S6407
PS-3730	C	—	—	1-3/8	NFF-F			549P122960
<b>CUMMINS WAGNER</b>								
PS-1619	B	1	1.625	1	BCDJF			3089056
<b>CURTIS</b>								
PS-605	D	1	1.750	1-1/8	BCFKF			
PS-288	D	1	2.500	1-3/4	BCDKF			RMB-414
<b>DAKON</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
<b>DARLEY, W.S. &amp; CO.</b>								
PS-4246	D	3	1.875	1-1/4	BCDLF			1841203
PS-448	C	1	2.500	1-3/4	BCFKF			1842300
<b>DAYTON (See TEEL PUMP)</b>								
<b>DEAN PUMP (Div. of MET-PRO CORP.)</b>								
PS-3589	E	5	1.625	1	VCFZF			
<b>DECATUR PUMP</b>								
PS-501	A	1	1.250	5/8	BMFJF			20888
PS-359	C	1	1.250	5/8	BCFJF			
PS-290	C	1	1.250	5/8	BCFJF			8514
PS-290V	C	1	1.250	5/8	VCFJF			9762
PS-750	D	1	1.375	3/4	BCDJF			
PS-358	C	1	1.375	3/4	BCFJF			8991
PS-185	C	1	1.875	1-1/4	BCFJF			9917
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			21271
PS-185V	C	3	1.875	1-1/4	VCFJF			9926
<b>DEFKO, INC.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			A2518
PS-360V-CMS	A	1	1.625	1	VCFJF			
<b>DeLAVAL (See IMO INDUSTRIES, INC.)</b>								
<b>DELAVAN MFG. &amp; CO.</b>								
PS-1061	A	1	1.250	9/16	VCFJF			34943
<b>DELTA T SYSTEMS, INC.</b>								
PS-732-EPR-P66	C	3	1.250	5/8	QCFKF	I		108-00001-00
PS-2167-EPR-P66	C	1	1.437	7/8	QCFJF	I		108-00006-00
PS-2224	C	3	1.437	7/8	QCFKF	I		108-00002-00
<b>DEMING (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>DEMPSTER INDUSTRIES, LLC</b>								
PS-162	A	1	1.000	1/2	BMFJF			
PS-200	A	1	1.250	5/8	BMFJF			907-06030
PS-202	B	11	—	5/8	BMFJF	A		
PS-441	B	9	—	3/4	BMFKF	A	Utility Pump	907-06001
PS-440	B	11	—	3/4	BMFJF	A	Primo Jet® and Converto Jet	907-06006
PS-358	C	1	1.375	3/4	BCFJF			907-06043
PS-309	C	1	1.500	7/8	BCFJF			907-06033
PS-309V	C	3	1.500	7/8	VCFJF			907-06034
PS-598	C	3	1.875	1-1/4	BCFKF			907-06035
PS-756V	C	3	1.875	1-1/4	VCFKF			907-06046

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DENISON HYDRAULICS (Parker Hannifin HPD)</b>								
PS-5108	C	2	1.562	3/4	VCFKF			
PS-5138	C	Plate	2.875	1-1/8	BCFGF			623-11278-0
PS-5676	C	2	2.187	1-3/8	B/VCFJF	316SS	Old Design	623-00006-0
PS-5711	C	2	2.187	1-3/8	B/VCFKF	316SS	New Design	623-00006-0
PS-5676V	C	2	2.187	1-3/8	VCFJF	316SS		623-00006-5
PS-5074	C	3	2.000	1-3/8	BCFKF			
PS-5720	C	2	2.125	1-1/2	BCFKF			623-00012-0
PS-5002	D	2	2.500	1-11/16	BCFKF			623-12260-0
PS-5194	D	2	2.500	1-11/16	VCFKF			623-12263-0
PS-5342	C	2	3.000	1-7/8	BCFJF		Old Design	623-00016-0
PS-5712	C	2	3.000	1-7/8	B/VCFKF	N	New Design	623-00016-0
PS-5679	C	2	3.000	1-7/8	QCFJF			623-00016-4
PS-5717	C	2	3.000	1-7/8	VCFJF			623-00016-5
PS-5011	C	Plate	3.528	1-7/8	BCFGF			623-00002-0
PS-5721	C	Plate	Plate	1-7/8	VCFGF			623-00002-5
PS-5706	C	2	3.000	2-1/8	VCFKF	316SS		623-00015-5
PS-5005	D	2	3.000	2-3/16	BCFKF			623-12322-0
PS-5719	D	2	3.000	2-3/16	QCFKF			623-12330-0
PS-5024	D	2	3.000	2-3/16	VCFKF			623-12331-0
<b>DETROIT HARVESTER HOWELL</b>								
PS-298	A	—	—	1/2	BMF-F			3-6
PS-299	A	—	—	5/8	BMF-F		H,SM-F,PM,1/4HP - New style replaces old style eared carbon. Seat is Impeller	4-6
PS-100	A	1	1.187	5/8	BMFJF			
<b>DEUBLIN CO.</b>								
PS-397	C	—	—	1	BCF-F			954-211
<b>DeVILBISS</b>								
PS-508	D	1	1.250	5/8	BCDJF			QM-4507
PS-358	C	1	1.375	3/4	BCFJF			QM-4509
PS-752	D	1	1.375	3/4	BCDKF			QMW-4509
<b>DIACLEAR</b>								
PS-142	B	1	1.000	1/2	BMFJF			36100
<b>DISCFLO CORP.</b>								
PS-338V-SC-SC	C	3	3.000	2-1/8	VLFLF			P-170-1000036
PS-3877	C	3	3.375	2-1/2	VLFLF			P-170-1000035
<b>DIXIE PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-201	A	1	1.375	3/4	BMFJF			
<b>DOERR</b>								
PS-359	C	1	1.250	5/8	BCFJF			
<b>DOMESTIC PUMP (Div. of ITT CORP.)</b>								
PS-200	A	1	1.250	5/8	BMFJF			180013
PS-359	C	1	1.250	5/8	BCFJF			180014
PS-201	A	1	1.375	3/4	BMFJF			
PS-358	C	1	1.375	3/4	BCFJF			180010
PS-360	A	1	1.625	1	BCFJF			
PS-235	C	1	1.625	1	BCFJF			180011
PS-177	C	1	2.000	1-3/8	BCFJF			180015
<b>DOUGHBOY INDUSTRIES (Div. of HOFFINGER INDUSTRIES)</b>								
PS-671	B	1	.875	3/8	BMFJF			306-1003
PS-200	A	1	1.250	5/8	BMFJF			306-1006
PS-1000	B	1	1.250	5/8	BMFJF			306-1002
PS-642	B	—	—	5/8	BMF-F			308-1264
PS-202	B	11	—	5/8	BMFJF	A		306-1001
<b>DOUGLAS MOTOR CORP.</b>								
PS-201	A	1	1.375	3/4	BMFJF			47406
PS-210	C	1	2.000	1-3/8	BCFKF			46154

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DOWDELL CO., J.L. (DOWCO PUMP)</b>								
PS-202	B	11	—	5/8	BMFJF	A		D1101S-5/8
PS-440	B	11	—	3/4	BMFJF	A		D1101S-3/4
<b>DRESSER INDUSTRIES (See COMPAIR LeROI)</b>								
PS-200	A	1	1.250	5/8	BMFJF			125-101/113-1
PS-618	C	3	1.875	1-1/4	BCFJF			
PS-1062	C	3	2.125	1-3/8	VCFKF			
PS-436V	C	3	2.500	1-3/4	VCFKF			125-693-2
<b>DRESSER RAND</b>								
PS-768	C	3	1.375	3/4	BCFKF			SEL 244
PS-553	C	3	2.125	1-1/2	BCFKF			W27658P2
PS-3931	E	2	2.312	1-5/8	BCDKF			W35548P1
PS-3952	E Special	3	3.031	2	NCDKF			000-049-082
PS-611	E	3	2.812	2-1/8	BCFJF			
PS-556	U	1	3.000	2-1/8	BCFKF			720025J1
PS-4172	E	3	3.875	3-7/8	VCFKF	316SS		050-825-201
<b>DUFF-NORTON</b>								
PS-933	C	—	—	5/8	BCF-F			732015C
PS-185	C	1	1.875	1-1/4	BCFJF			464901C
<b>DUNHAM, C.A.</b>								
PS-508	D	1	1.250	5/8	BCDJF		Model D	614
<b>DUNHAM-BUSH (MEPCO: Marshall Engineered Products Co.)</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		S-996
PS-106	C	1	1.000	1/2	BCFKF	N		S-996 New
PS-118	C	1	1.187	5/8	BCFJF			
PS-359	C	1	1.250	5/8	BCFJF			S-472
PS-552-SC-SC	C	1	1.250	5/8	BLFLF			S-5099
PS-633V-CMS	C	1	1.250	5/8	VCFKF			S-2143, S-5549
PS-552-EPR	C	3	1.250	5/8	QCFJF			S-5011
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		S-4940
PS-732-EPR-P66	C	3	1.250	5/8	QCFKF	I		S-4981
PS-633V-TC SEAT	C	3	1.250	5/8	VCFZF			S-472-TC-V
PS-750	D	1	1.375	3/4	BCDJF			40088878W
PS-2027-EPR-TC-SEAT	D	3	1.375	3/4	QCFZF			S-5579
PS-188	E	1	1.500	7/8	BCFJF			40090790W
PS-982	C	1	1.625	1	BCFKF			860
PS-499	C	3	1.625	1	BCFKF			GA-1781-4
PS-983	C	1	1.750	1-1/8	BCFKF			861, ML-8702
PS-185	C	1	1.875	1-1/4	BCFJF			S-4998
PS-756	C	1	1.875	1-1/4	BCFKF			S-3179
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			S-5548
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		S-4982, S-5085
PS-239	C	1	2.375	1-5/8	BCFKF			S-3291
PS-3616	C	1	2.375	1-5/8	QCFKF			S-4932
<b>DURIRON (See FLOWSERVE CORP.)</b>								
PS-866	E	3	1.750	1-1/8	BCFJF			
PS-867	E	3	1.750	1-1/8	BCFKF			
PS-886	T	3	1.750	1-1/8	BCFJF			
PS-918	T	3	1.750	1-1/8	BCFKF			
PS-2069	E	1	2.625	1-7/8	BCFJF			
PS-2072	E	3	2.625	1-7/8	BCFKF			

**NOTE:** A. MOUNTS ON SHAFT  
 I. ABRASION RESISTANT CARBON (P66)  
 N. NON-STANDARD SPRING HOLDER



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DURIRON (continued) (See FLOWSERVE CORP.)</b>								
PS-742	T	1	2.625	1-7/8	BCFJF			
PS-743	T	1	2.625	1-7/8	BCFKF			
PS-4392	E	3	3.625	2-5/8	QCFLF	C		
<b>DURO</b>								
PS-452	B	9	—	5/8	BMFJF	A		5486
PS-508	D	1	1.250	5/8	BCDJF			5485
PS-102	D	1	1.250	5/8	BCDKF		Models: DV-30, 50, 70, 100, VX-30, 50, 70, 100 DJ-70, 100, SJ70, 100	B-170
<b>EAST SIDE MFG.</b>								
PS-100	A	1	1.187	5/8	BMFJF			P-28322
PS-200	A	1	1.250	5/8	BMFJF			
PS-1000	B	1	1.250	5/8	BMFJF		Model BTH	
PS-359	C	1	1.250	5/8	BCFJF			
PS-201	A	1	1.375	3/4	BMFJF			
PS-358	C	1	1.375	3/4	BCFJF			
PS-750	D	1	1.375	3/4	BCDJF			MF-1
PS-360	A	1	1.625	1	BCFJF		Series C, CM and CH	P-28175
<b>EASTERN ENGINEERING (See PULSAFEEDER)</b>								
<b>ECONOMY PUMP (PATERSON PUMP CO.)</b>								
PS-100	A	1	1.187	5/8	BMFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-1067	E	1	1.875	1-1/8	BCFKF		2 x 2 MD	
<b>EDWARDS ENGINEERING</b>								
PS-3578V	C	1	1.175	7/16	VCFJF			C-316
PS-867V	E	3	1.750	1-1/8	VCFKF			220000
<b>ELECTROMOTIVE DIV.</b>								
PS-632	C	1	1.000	1/2	BCFKF	N		822832
PS-602	D	1	1.562	7/8	BCDJF			5876888
<b>ELKINGTON DISHWASHER</b>								
PS-3440	C	1	1.750	1	BCFJF		DT Series	
<b>ENPO-CORNELL PUMP CO.</b>								
PS-961	B	1	1.250	5/8	BCFJF			
PS-452	B	9	—	5/8	BMFJF	A		
PS-201	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-466	C	1	2.000	1-1/4	BCFJF			M-3957-F
PS-466V	C	1	2.000	1-1/4	VCFJF			M-3957-G
PS-546	E	3	1.875	1-1/4	BCFJF			
PS-467	C	1	2.125	1-3/8	BCFKF			M-3983-C
PS-1683	E	3	2.375	1-5/8	BCFJF			
PS-2212	C	1	2.500	1-3/4	BCFJF			M-3842-F
PS-1068	C	1	2.500	1-3/4	BCFKF			M-3842-C
PS-449	K	1	2.500	1-3/4	BCFJF			
PS-2139	C	1	2.750	2	BCFJF			M 4414-F
PS-842	C	1	2.750	2	BCFKF			M-4414-C
PS-1040	K	3	2.750	2	BCFKF			
PS-1041	K	3	3.250	2-3/8	BCFKF			
PS-1613	K	3	3.375	2-1/2	BCFJF			
<b>ENVIRONMENT ONE CORP.</b>								
PS-2033	D	3	1.625	1	BCFJF			A-2021B110
<b>ESSICK</b>								
PS-358	C	1	1.375	3/4	BCFJF			9014009
PS-175	K	1	1.375/1.500	3/4	BCFJF			9014225
PS-185	C	1	1.875	1-1/4	BCFJF			9014025
PS-177	C	1	2.000	1-3/8	BCFJF			9014027
PS-495	K	1	2.000	1-3/8	BCFJF			9014140
<b>EUROPLAST LTD.</b>								
PS-201	A	1	1.375	3/4	BMFJF			60985AA

**NOTE:** A. MOUNTS ON SHAFT  
C. COMPLETE WITH COLLAR  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>EVERITE</b>								
PS-150	B	—	—	1/2	BMF-F		Seat Is Impeller	1205
PS-200	A	1	1.250	5/8	BMFJF			2544
PS-501	A	1	1.250	5/8	BMFJF			
PS-359	C	1	1.250	5/8	BCFJF			2584
<b>FAIRBANKS MORSE® (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-506	A	1	1.000	1/2	BMFKF		Models: 49 and 59 Circulating Pumps	91325
PS-200	A	1	1.250	5/8	BMFJF		Models: H, HC, HV	82723, 82470-75
PS-501	A	1	1.250	5/8	BMFJF		H500, 649, 650 Shallow Well and All Model 49 Ejectors to 1 HP. Models 300, 500 and 750 VS-VD	82635-60, 82702-75
PS-507	A	1	1.250	5/8	BMFKF		For UL 25 Westco Shallow Well	82480-60
PS-359	C	1	1.250	5/8	BCFJF		Submersible Motor	
PS-508	D	1	1.250	5/8	BCDJF		Model 49	82480-75
PS-102	D	1	1.250	5/8	BCDKF			82698
PS-201	A	1	1.375	3/4	BMFJF		Models: AC, AEC, AES, AS	
PS-877	C	1	1.375	3/4	BCFJF		Model 5553B-Build Together Pump	HYDE2, 82738-60
PS-750	D	1	1.375	3/4	BCDJF			40088878
PS-188	E	1	1.500	7/8	BCFJF		1-1/4 Fig. 5553E, Mtr Frm. up to 184	HYD1Q1
PS-229	E	3	1.500	7/8	BCFKF			Westco BR545
PS-235	C	1	1.625	1	BCFJF			CND-1726D-1726C LV411900X01
PS-356	C	1	1.750	1-1/8	BCFJF		1-1/2, 2, 3, 4 Fig.5553N, Frm. 213 & Up	HYD1AC
PS-204	E	1	1.750	1-1/8	BCFJF		1-1/4 Fig. 5553E, Mtr. Frm. 213 & Up	HYD1Q2
PS-6812	C	1	1.875	1-3/16	BCFJF			LV7140047753
PS-8074	X Bal.	3	1.687	1-3/16	Special			HYD1BT3
PS-185	C	1	1.875	1-1/4	BCFJF			HYD1AC2
PS-756	C	1	1.875	1-1/4	BCFKF			HYD1BX8
PS-381	D	1	1.875	1-1/4	BCFJF			Westco 2G
PS-510	D	1	2.000	1-1/4	BCFJF		Models: 5554, 5554A	HYD1E2
PS-883	K	1	1.875	1-1/4	BCFJF			HYD1AD2
PS-865	E	3	2.000	1-3/8	BCFKF			HYD1Q3
PS-1104	V	25	2.140	1-3/8	BMFJF		Frame 25	
PS-8079	XB5	3	1.937	1-7/16	Special	316SS		HYD1BT6
PS-758	C	1	2.125	1-1/2	BCFJF			LV740048753
PS-305	E	1	2.125	1-1/2	BCFJF			ND2502-A1
PS-395	E	3	2.125	1-1/2	BCFJF		3" & 4" Fig. 5821, 2" & 3" Fig. 5822, 2" & 2-1/2" Fig. 5823, 3" Fig. 5874A	HYD1AA1, HYD1X3
PS-395-EPR	E	3	2.125	1-1/2	QCFJF			FMB088775CO1
PS-515	E	3	2.250	1-1/2	BCFJF		2" Fig. 5812, 3", 4" Fig. 5811	HYD1A2
PS-514	D	1	2.375	1-5/8	BCDJF			ND1246-A4
PS-1683	E	3	2.375	1-5/8	BCFJF			HYD1BG1
PS-446	C	1	2.500	1-3/4	BCFJF			HYD1AC3, HYD1AD1
PS-550	C	3	2.500	1-3/4	BCFJF			HYD1CB2
PS-6241	C	3	2.500	1-3/4	BLFLF			HYD1EH2
PS-3963	C	3	2.500	1-3/4	BLFZF			HYD1CM2
PS-3719	C	3	2.500	1-3/4	B/VLFZF			HYD1DJ2
PS-3687	C	3	2.500	1-3/4	BZFZF			HYD1CD2
PS-3718V	C	3	2.500	1-3/4	VCFJF			HYD1CR2
PS-449	K	1	2.500	1-3/4	BCFJF		Models: 5421 BP, KTPA-10031	HYD1AD1
PS-6246	K	1	2.500	1-3/4	BCFJF			HYD1AD7
PS-6242	T	3	2.500	1-3/4	VCFJF	316SS		HYD1EN2
PS-1070	U	3	2.375	1-3/4	BCFJF		5" Fig. 5821, 6" Fig. 5821, 4" Fig. 5822 3" Fig. 5823, 4" Fig. 5874A, 3" Fig. 5876A 2" Fig. 5972A, 2-1/2" Fig. 5972A	HYD1AA3
PS-519	U	3	2.500	1-3/4	BCFJF		Fig. 5822A, Size 4	HYD1T2
PS-2069	E	1	2.625	1-7/8	BCFJF			HYD1E4
PS-2070	E	1	2.625	1-7/8	BCFKF			HYD1Q4
PS-3964	T	3	2.625	1-7/8	BCFJF			HYD1CW1
PS-898	U	3	2.500	1-7/8	BCFJF		8" Fig. 5821, 5" & 6" Fig. 5822 4" & 5" Fig. 5823, 5" Fig. 5874A	HYD1AA4
PS-2146	V	3	2.625	1-7/8	BMFJF			HYD1S16
PS-1105	V	25	2.640	1-7/8	BMFJF		Frame 28	

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE® (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-8077	X Special	3	2.500	1-7/8	VCFJF	316SS		HYD1BT10
PS-7781	C	1	2.750	2	BCFJF			HYD1CB1
PS-7781-SC-TC	C	1	2.750	2	BLFZF			HYD1CK2, HYD1CN2
PS-4015	C	3	2.750	2	BCFKF			HYD1CE2
PS-332	C	3	2.750	2	BCFKF			HYD1BX1
PS-6238	C	3	2.750	2	BLFLF			HYD1EH1
PS-3721	C	3	2.750	2	BLFZF			HYD1CM1, HYD1DJ1
PS-6247V	C	3	2.750	2	VCFKF			HYD1CS2
PS-4178	C	3	2.750	2	VLF LF			HYD151
PS-530	E	3	2.750	2	BCFJF			HYD1BG2
PS-2143	K	1	2.750	2	BCFJF			
PS-338	C	3	3.000	2-1/8	BCFJF		Frame 30 Model 5500	HYD1AC4
PS-327	E	3	3.000	2-1/8	BCFJF			HYD1Q5
PS-887	K	1	3.000	2-1/8	BCFJF			HYD1AD3
PS-1107-CMS	V	1	3.187	2-1/8	BCFJF		Frame 32	
PS-1102	V	3	3.140	2-1/8	BCFJF		Frame 32	HYD1S5
PS-7782	C	1	3.125	2-1/4	BCFKF			HYD1CE1
PS-1676	C	3	3.125	2-1/4	BCFKF			HYD1BX10
PS-3966	C	3	3.125	2-1/4	BLFZF			HYD1CN1
PS-6248	C	3	3.125	2-1/4	VCFKF			HYD1CS1
PS-7431	K	1	3.125	2-1/4	BCFJF			HYD1AD9
PS-269	C	3	3.375	2-1/2	BCFJF			HYD1AD4, FMB027764A01
PS-853	C	3	3.375	2-1/2	BCFKF			HYD1BX3
PS-6254	E	3	3.500	2-1/2	BCFJF			HYD1CX2
PS-279	E	3	3.375	2-1/2	BCFJF		8" Fig. 5822, 6" & 8" Fig. 5823, 5" & 6" Fig. 5824, 5" Fig. 5972	HYD1AA6, HYD1BG3
PS-1613	K	3	3.375	2-1/2	BCFJF			HYD1AD10
PS-4072	T	3	3.500	2-1/2	BCFJF			HYD1CW2
PS-6244	T	3	3.500	2-1/2	VCFJF			HYD1EN4
PS-6243	T	3	3.500	2-1/2	VLFZF			HYD1ES4, FMB1403087
PS-2147	V	3	3.500	2-1/2	BCFJF			HYD1S17
PS-3994	C	3	3.500	2-3/4	BCFJF			HYD1CB3
PS-6239	C	3	3.500	2-3/4	BLFLF			HYD1EH3
PS-4366	C	3	3.500	2-3/4	BLFZF			HYD1CM3
PS-2154-TC-SEAT	C	3	3.500	2-3/4	B/VCFZF			FMB060882X01
PS-3661	C	3	3.500	2-3/4	VLFZF			HYD1DJ3
PS-2148	K	3	3.500	2-3/4	BCFJF			HYD1AD11
PS-328	E	3	3.375	2-5/8	BCFJF			HYD1AA8, HYD1Q6
PS-542	E	3	3.375	2-5/8	BCFKF			HYD1Q6
PS-329	E	3	3.750	2-7/8	BCFJF			HYD1Q7
PS-2153	C	3	3.875	3	BCFJF			HYD1EF3
PS-2115	C	3	3.875	3	BCFKF			HYD1BX4
PS-3600	C	3	3.875	3	BCFKF			HYD1CE3
PS-2115-TC-SEAT	C	3	3.875	3	BCFZF			FMB060882X02
PS-6240	C	3	3.875	3	BLFLF			HYD1EH4
PS-3701	C	3	3.875	3	BLFZF			HYD1CM4
PS-6249-SC-TC	C	3	3.875	3	BLFZF			HYD1CN3
PS-2153-TC-TC	C	3	3.875	3	BZFZF			HYD1CD4
PS-6249	C	3	3.875	3	BZFZF			HYD1CK3
PS-6250	C	3	3.875	3	VCFKF			HYD1CS3
PS-475	E	3	3.875	3	BCDKF			HYD1BE4
PS-324SS	E	3	3.875	3	BCFJF			HYD1BG4
PS-3969	E	3	4.000	3	BCFJF			HYD1CX3
PS-7993	T	3	4.000	3	BCFJF			HYD1CW3
PS-3836	U	3	3.875	3	BCFJF			HYD1AA7
PS-7215	V	3	4.000	3	BCFJF	316SS		HYD1S18
PS-4069	V	3	4.000	3	BCFZF			FMB061419X01

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE® (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1069	V	3	4.750	3-1/8	BCFJF			HYD1S8
PS-4127	C	3	4.125	3-1/4	BCFJF			HYD1EF4
PS-6258	C	3	4.125	3-1/4	BCFKF			HYD1CE4
PS-3702	C	3	4.125	3-1/4	BLFZF			HYD1CN4
PS-6251	C	3	4.125	3-1/4	BZFZF			HYD1CK4
PS-6253	C	3	4.125	3-1/4	VCFJF			HYD1CR4
PS-6252	C	3	4.125	3-1/4	VCFKF			HYD1CS4
PS-330	E	3	4.125	3-1/4	BCDJF			HYD1Q8
PS-6245	C	3	4.375	3-1/2	BCFKF			HYD1BX6
PS-6256	D	3	4.375	3-1/2	BLFZF			HYD1DC3
PS-4019	E	3	4.375	3-1/2	BCFJF	I		HYD1BG5
PS-3858	E	3	4.375	3-1/2	BCFKF			HYD1BE5
PS-3499	E	3	4.625	3-5/8	BCFJF			HYD1CX4
PS-3684	T	3	4.625	3-5/8	BCFJF			HYD1CW4
PS-6237	T	3	4.625	3-5/8	BCFZF			FMB213293X01
PS-3779	V	3	4.625	3-5/8	BCFJF			HYD1S19
PS-4014	D	3	4.625	3-3/4	BLFZF			HYD1DB3, HYD1DC1
<b>FEDERAL PUMP</b>								
PS-293	A	14	.815	5/8	BMFKF		Seat is Metal to Metal Press Fit	
PS-245	C	1	1.625	1	BCFJF	B/H		
PS-248	C	1	1.625	1	BCFKF	B/H		
PS-380	D	1	1.625	1	BCFJF			
PS-246	C	1	1.875	1-1/4	BCFJF	B/H		
PS-249	C	1	1.875	1-1/4	BCFKF	B/H		
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-547	C	3	2.000	1-3/8	BCFKF			
PS-682	C	1	2.156	1-1/2	BCFJF	B/H		
PS-247	C	1	2.156	1-1/2	BCFKF	B/H		
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-446	C	1	2.500	1-3/4	BCFJF			
PS-205	E	1	2.500	1-3/4	BCFJF			
<b>FINISH THOMPSON, INC.</b>								
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			J101256
<b>FINN CORP.</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			080485
<b>FLINT &amp; WALLING (Div. of ZOELLER PUMP CO.)</b>								
PS-165	B	9	.906	1/2	BMFJF	A		132891/92
PS-800	C	1	1.156	5/8	BMFJF	H	Models: BPA, C, C6267, CA	AC-16,131100, 132377
PS-201	A	1	1.375	3/4	BMFJF		81, 82, 83, 605, 607, 609 Shallow Well 64, 65, 66, 67, 68 Deep Well	126544, 126545
PS-687	C	1	1.500	7/8	BCFKF			121224
PS-357	C	1	1.625	1	BCFKF		Series C211	129868
PS-204	E	1	1.750	1-1/8	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF			136557
<b>FLOWERVE CORP. (See DURIRON, IDP and WORTHINGTON)</b>								
PS-928	C	—	—	9/16	BCF-F			05595400, 27337583
PS-3542	C	3	1.031	9/16	VCFKF			74744277
PS-516	A	1	1.250	5/8	BCFJF			74297284
PS-528	A	1	1.375	5/8	BMFJF			28518652
PS-637	A	3	1.250	5/8	BMFJF			60311669
PS-933	C	—	—	5/8	BCF-F			055955-00, 27337591
PS-359V-CMS	C	1	1.250	5/8	VCFJF			74315409
PS-626	C	1	1.375	5/8	VCFJF			PO2099-00,28518660
PS-7635	C	3	1.062	5/8	VCFKF			74744285
PS-951-EPR	C	3	1.375	5/8	QCFKF			74264060
PS-951	C	3	1.375	5/8	VCFKF			PO2752-00, 74262767
PS-564	C	—	—	3/4	BCF-F			024439-00, 27197623

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (continued) (See DURIRON, IDP and WORTHINGTON)</b>								
PS-2236	C	3	1.375	3/4	BCFJF			60721792, 60980901
PS-2235	C	3	1.375	3/4	VCFJF			60724572
PS-4229-TC-SEAT	C	3	1.375	3/4	QCFZF			68865831
PS-7994	E	3	1.187	3/4	VCFKF			1802AJCTYPIR075XP171
PS-602	D	1	1.562	7/8	BCDJF			60110418
PS-936	E	—	—	7/8	BCF-F			024440-00, 27197631
PS-7859V	E	3	1.312	7/8	VCFKF	316SS		74744301
PS-7896	E	3	1.500	7/8	VCEZE			60311578
PS-845	U	3	1.562	15/16	BCFGF			27252691
PS-560V	U	3	1.562	15/16	VCFKF			031446-01, 74744319
PS-252	D	3	1.625	1	BCFKF			82230962
PS-348	C	—	—	1-1/8	BCF-F			PO2885-00, 28518934 68885854
PS-348V	C	—	—	1-1/8	VCF-F			PO2889-00, 74262874
PS-356	C	1	1.750	1-1/8	BCFJF			74908260
PS-801	C	3	1.750	1-1/8	BCFJF			60954526
PS-355V	C	3	1.750	1-1/8	VCFKF			39633201
PS-605	D	1	1.750	1-1/8	BCFKF			CPM-10055, 60110442
PS-604	D	1	1.750	1-1/8	BCFJF			60110434
PS-607	E	1	1.687	1-1/8	BCFJF			60110327, 60110335
PS-384	E	1	1.750	1-1/8	BCFKF			60110616
PS-867	E	3	1.750	1-1/8	BCFKF			69237592
PS-204V	E	3	1.750	1-1/8	VCFJF			60954682
PS-867V-TC-SEAT	E	3	1.750	1-1/8	VCFZF			60954716
FA-607	E	—	—	1-1/8	BCF-F			053129-00, 68885870 68885896, 74308461 60954690
FA-608V	E	—	—	1-1/8	VCF-F			60514254
PS-1637	E	3	1.812	1-1/8	B/VCFKF			60514254
T9-1125	WT	—	—	1-1/8	TCF-F	316SS		PO2877-00, 25818801 60954914
PS-723	T	1	1.875	1-3/16	BCDJF			60111267
PS-618	C	3	1.875	1-1/4	BCFJF			60721800, 60980918 60980919
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		74737990
PS-2203	C	3	1.875	1-1/4	QCFKF	I		68867910
PS-7436	C	3	1.875	1-1/4	QCFZF	I		60671328
PS-756V	C	3	1.875	1-1/4	VCFKF			74898800
PS-618V-TC-SEAT	C	3	1.875	1-1/4	VCFZF			60727401
PS-7972	G	1	1.875	1-1/4	BLFLF		Model 4MSX7 - See PS-7971 for Upper Seal	81955064 - Lower Seal
PS-394	U	3	1.875	1-1/4	BCF/DKF			031448-00
PS-172	C	—	—	1-3/8	BCF-F			PO2886-00, 28518868
PS-172-EPR-P66	C	—	—	1-3/8	QCF-F	I		74332321, 80631400
PS-172V	C	—	—	1-3/8	VCF-F			PO2890-00, 28518884
PS-4163	E	—	—	1-3/8	QCF-F	316SS/C/I		74712241
PS-2104V	E	—	—	1-3/8	VCF-F			74816034
PS-4087	E	—	—	1-3/8	VCF-F	316SS		PO2874-00
PS-3925	E	3	2.125	1-3/8	VCFJF			74816117
PS-7971	G	1	2.000	1-3/8	BCFJF		See PS-7972 for Lower Seal	81955072 - Upper Seal
PS-3014	G	1	2.000	1-3/8	BLFZF	316SS		81981193
PS-725	T	1	2.000	1-3/8	BCFJF			60111275
PS-561SS	U	1	2.000	1-3/8	BCFKF			05049800, 02645700 27215094
PS-2106	E	—	—	1-1/2	BCF-F			05484500, 27335819 68886167, 68886175 69170181
PS-2106V	E	—	—	1-1/2	VCF-F			60506169, 60549581 74332164, 80612400
PS-258	E	3	2.125	1-1/2	BCFKF			68886100, 68886118

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
C. COMPLETE WITH COLLAR

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (continued) (See DURIRON, IDP and WORTHINGTON)</b>								
PS-305V	E	3	2.125	1-1/2	VCFJF			68886068
PS-4034	E	3	2.312	1-1/2	BCFZF			60514148
PS-1648	E	3	2.312	1-1/2	B/VCFKF			60514130, 60514288
PS-1651	E	3	2.312	1-1/2	VCFJF		H/HC	60514122
PS-1652	E	3	2.312	1-1/2	VCFKF			60514726
PS-239-EPR	C	3	2.375	1-5/8	QCFKF			60727328
PS-609	E	1	2.312	1-5/8	BCDJF			60110343
PS-610	E	1	2.312	1-5/8	BCFKF			60110350
PS-2108	C	—	—	1-3/4	BCF-F			28518876
FA-10159	C	—	—	1-3/4	BRF-F			80996900
PS-2108V	C	—	—	1-3/4	VCF-F			PO2891-00, 74262882
PS-2109	E	—	—	1-3/4	BCF-F			28518785
PS-7950	E	3	2.500	1-3/4	QCFZF	I		74840992
PS-366V	E	3	2.500	1-3/4	VCFKF			74780065
PS-3016	G	1	2.500	1-3/4	BLFLF			81974883
PS-4216	G	1	2.500	1-3/4	BLFZF			81974917
PS-4263	T	3	2.500	1-3/4	VCFJF	316SS		68885862
PS-3884	U	1	2.500	1-3/4	VCFZF			
PS-2072	E	3	2.625	1-7/8	BCFKF			60433083, 60434321 68885987
PS-1659	E	3	2.625	1-7/8	VCFJF			60954757
PS-1660	E	3	2.625	1-7/8	VCFKF			60954807
PS-4193	E	3	2.625	1-7/8	VCFZF	316SS		
FA-513V	E	—	—	1-7/8	VCF-F			60954765
PS-3648	E Bal.	Special	2.687	1-7/8	VCFZF			60502697
PS-3017	G	1	2.625	1-7/8	BCFJF			81974875
PS-3018	G	1	2.625	1-7/8	BLFLF			81974909
PS-530	E	3	2.750	2	BCFJF			60110780
PS-477	E	3	2.750	2	BCFKF			60110756, 69261352
PS-456-EPR	U	3	2.750	2	QCFKF			753294-41
PS-3591	U	3	2.750	2	QCFZF	I		753294-90
PS-456V	U	3	2.750	2	VCFKF			753295-40
FA-2120	C	—	—	2-1/8	BCF-F			PO2888-00
PS-1612	E	3	2.812	2-1/8	BCFKF			60110376
PS-278V	E	3	3.250	2-3/8	VCFJF			60969797
FA-2098	E	—	—	2-3/8	BCF-F			60528361
FA-350V	E	—	—	2-3/8	VCF-F			60969805
PS-3936V-TC-SEAT	E Bal.	3	3.125	2-3/8	VCFZF			80190954
PS-3008	G	1	3.250	2-3/8	BCFJF			81974891
PS-3022	G	1	3.250	2-3/8	BLFZF			81974941
PS-2205-EPR	E	3	3.375	2-1/2	QCFKF	I		60647260
PS-349V	E	3	3.375	2-1/2	VCFKF			75514554
PS-4392	E	3	3.625	2-5/8	QCFLF	C		
PS-8102	X Bal.	3	3.375	2-3/4	VCFZF	316SS		
PS-475	E	3	3.875	3	BCDKF			60434883
PS-5252	E	3	3.875	3	BCFKF			74841065
PS-325SS	U	3	4.125	3-1/4	BCFKF			69261378
PS-7986	U	3	4.625	3-3/4	BCDKF			60311578
<b>FLOWAY (Div. of WEIR SPECIALTY PUMPS)</b>								
PS-252	D	3	1.625	1	BCFKF			542949-2010
PS-264	E	3	1.875	1-1/4	BCFKF			545305-1010, 231-31-413
<b>FLYGT (Div. of ITT CORP.) (See Pages 168-171)</b>								
<b>FMC FOODTECH</b>								
PS-397	C	—	—	1	BCF-F			401-50-0001
PS-2105	C	—	—	1-1/2	BCF-F			401-50-0006

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FOOTE BROTHERS</b>								
PS-383	D	1	1.875	1-1/4	BCFKF			
PS-186	D	1	2.000	1-3/8	BCDKF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-462	D	1	2.750	2	BCDKF			
<b>FRANKLIN ELECTRIC CO., INC. (LITTLE GIANT PUMP CO., MONARCH PUMPS)</b>								
PS-200	A	1	1.250	5/8	BMFJF			106196105
PS-200V-CMS	A	1	1.250	5/8	VCFJF			240316
PS-1021	B	8	—	5/8	BMFJF	A		292456101
PS-452	B	9	—	5/8	BMFJF	A		
PS-877	C	1	1.375	3/4	BCFJF			106196102
PS-360	A	1	1.625	1	BCFJF			240180
PS-360V-CMS	A	1	1.625	1	VCFJF			240369
PS-2122	C	1	1.875	1-1/4	BCFJF			106196101
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			240359
<b>FRANKLIN PUMP SYSTEMS (Div. of JACUZZI)</b>								
PS-200	A	1	1.250	5/8	BMFJF			10000206
PS-201	A	1	1.375	3/4	BMFJF			10150209
PS-877	C	1	1.375	3/4	BCFJF			10120301
PS-235	C	1	1.625	1	BCFJF			10129906
PS-2122	C	1	1.875	1-1/4	BCFJF			10036903
PS-2142	C	1	2.500	1-3/4	BCFJF			10037000
<b>FREDERICK PUMP &amp; ENGINE</b>								
PS-952	A	1	1.250	5/8	BCFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-756V	C	3	1.875	1-1/4	VCFKF			80912
PS-1042	U	1	2.500	1-3/4	BCFJF			
<b>FRICK CO.</b>								
PS-492-CMS	C	1	3.250	2-3/8	BCFKF		80BA2-47	P-81905
PS-4028	K	3 Special	4.500	2-7/8	NCFGF		Model No MRI-90	
<b>FYBROC (Div. of MET-PRO CORP.)</b>								
PS-8057	XB2	27	3.562	2-1/8	VCFJF	316SS		0895C010
<b>G.E. OSMONICS</b>								
PS-4272	C	1	1.250	5/8	BCFJF	316SS		1113515
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		1114630
PS-2016	E	1	1.250	5/8	BCFJF			1113517
PS-548	C	3	1.625	1	BCFJF			1121167
PS-235V	C	3	1.625	1	VCFJF			
PS-791	E	3	1.625	1	BCFKF			1114326
PS-791-EPR-TC-SEAT	E	3	1.625	1	QCFZF			1201945
PS-791V-TC-SEAT	E	3	1.625	1	VCFZF			1201946
PS-2047V	D	3	2.000	1-3/8	VCFJF			3011311
<b>GALION</b>								
PS-157	C	—	—	3/4	BCF-F			
PS-397	C	—	—	1	BCF-F			
<b>GARDNER DENVER</b>								
PS-441	B	9	—	3/4	BMFKF	A		60BN-1
PS-373	C	1	1.375	3/4	BCFKF			60AY-10
PS-360	A	1	1.625	1	BCFJF			60BT-11
PS-370	A	1	1.625	1	BCFKF			60BT-1
PS-357V	C	3	1.625	1	VCFKF			60DD-799
PS-236	E	1	1.625	1	BCFKF			60AY-2,16 &18

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GARDNER DENVER (continued)</b>								
PS-605	D	1	1.750	1-1/8	BCFKF			60BC-10
PS-384	E	1	1.750	1-1/8	BCFKF			60AY-11 & 13
PS-383	D	1	1.875	1-1/4	BCFKF			60BC-3
PS-6036	D	2	1.875	1-1/4	VCPFP			60DD-597
PS-186	D	1	2.000	1-3/8	BCDKF			60BC-14
PS-6048	D	3	2.000	1-3/8	VCPSP			60DD-594
PS-354	E	1	2.000	1-3/8	BCFJF			
PS-7367	C	Special	2.718	1-7/16	VCFGF			60DD-52
PS-6055	E	28	2.718	1-7/16	VCPGP			60DD-105
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-374	E	1	2.125	1-1/2	BCFKF			60AY-21
PS-239V	C	3	2.375	1-5/8	VCFKF			60BC-2-5
PS-6005	C	3	2.375	1-5/8	VCFKF			60DD-86
PS-6075	D	3	2.375	1-5/8	VCPSP			60DD-592
PS-436V	C	3	2.500	1-3/4	VCFKF			60DD-596
PS-312V	C	3	2.625	1-7/8	VCFKF			60DD-98
PS-593	D	3	2.625	1-7/8	BCDKF			60BC-9,12
PS-6094	D	3	2.625	1-7/8	VCPSF			60DD-599
PS-2070	E	1	2.625	1-7/8	BCFKF			60AY-20
PS-543V	C	3	3.000	2-1/8	VCFKF			60DD-600
PS-1676V	C	3	3.125	2-1/4	VCFKF			60DD-104
PS-5358	D	3	3.125	2-1/4	Special			60DD-595
PS-351	E	1	3.125	2-1/4	BCDKF			60AY-15
PS-463	D	3	3.375	2-1/2	BCDKF			60BC-8
PS-6154	C	27	4.406	2-3/4	VCFGF			60DD54
<b>GARWOOD INDUSTRIES</b>								
PS-303	D	1	1.500	7/8	BCDKF			206556
PS-227	D	1	1.750	1	BCFKF			
PS-210	C	1	2.000	1-3/8	BCFKF			2016264
PS-376	D	—	—	1-3/8	BCD-F			2039056
<b>GEARMASTER</b>								
PS-1043	C	1	1.000	1/2	BMFJF			A34-3970
<b>GECO SALES</b>								
PS-1000	B	1	1.250	5/8	BMFJF			
<b>GENERAL MOTORS CORP. (GMC)</b>								
PS-642	B	—	—	5/8	BMF-F			5121751
PS-933	C	—	—	5/8	BCF-F			5186571
PS-752	D	1	1.375	3/4	BCDKF			5186113
PS-192	C	3	2.125	1-1/2	NCFGF			
<b>GENERAL PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-810	C	1	1.250	5/8	N/BCFJF	B		
<b>GEORGIA PACIFIC PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
<b>GG INDUSTRIES</b>								
PS-200	A	1	1.250	5/8	BMFJF			P-M03885
PS-642	B	—	—	5/8	BMF-F			P-M03857, P-M07909
PS-1000	B	1	1.250	5/8	BMFJF			P-Seal 4 / P-Seal 5 Mark III
<b>GILBERT BARKER (GILBARCO, INC.)</b>								
PS-1000	B	1	1.250	5/8	BMFJF			K81159X
PS-756	C	1	1.875	1-1/4	BCFKF			K74050X
PS-514	D	1	2.375	1-5/8	BCDJF			
PS-461	D	1	2.375	1-5/8	BCDKF			
<b>GLT, INC.</b>								
PS-6313	Q	1	1.019	1/2	BCFJF			185694-1
PS-1085V	C	1	1.250	5/8	VCFJF	B		114696
PS-6318	Q	9	1.578	1-1/8	VMFAF			117071

NOTE: B. TAPERED SPRING



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. (For Additional Listings - See Page 155)</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	S8243-4
PS-788	B	1	1.000	1/2	BMFKF			
PS-106	C	1	1.000	1/2	BCFKF	N		25271-801
PS-106V	C	1	1.000	1/2	VCFKF	N		25271-802
PS-218	A	—	—	5/8	BCF-F			12873-002
PS-200	A	1	1.250	5/8	BMFJF			S756, S1531
PS-507	A	1	1.250	5/8	BMFKF			
PS-882	B	—	—	5/8	BCF-F			8243-12
PS-118	C	1	1.187	5/8	BCFJF			S809
PS-359	C	1	1.250	5/8	BCFJF			S765, 25271-824
PS-1080	C	1	1.250	5/8	NCFKF			25270-113
PS-1045	C	3	1.250	5/8	VCFJF			
PS-102	D	1	1.250	5/8	BCDKF			S217
PS-795	S	8	1.187	5/8	NAPSP			GS-625
PS-851	A	1	1.375	3/4	BCFJF			S1190
PS-601	B	1	1.375	3/4	BMFJF		Model: 83E-F13	26822-008
PS-564	C	—	—	3/4	BCF-F			S32
PS-112	C	1	1.375	3/4	BCFKF			S1679
PS-358	C	1	1.375	3/4	BCFJF			S936, S1575
PS-358V-CMS	C	1	1.375	3/4	VCFJF			25271-850
PS-373V	C	1	1.375	3/4	VCFKF			25271-021
PS-750	D	1	1.375	3/4	BCDJF			S383
PS-752	D	1	1.375	3/4	BCDKF			
PS-792	S	Special	1.500	3/4	NAPSP			GS-750
PS-617	C	3	1.500	7/8	BCFKF			25271-159
PS-2027V	D	3	1.375	7/8	VCFKF			25271-855
PS-360	A	1	1.625	1	BCFJF			S2147
PS-397	C	—	—	1	BCF-F			S237
PS-235	C	1	1.625	1	BCFJF			S1832, S1906
PS-357	C	1	1.625	1	BCFKF			
PS-499	C	3	1.625	1	BCFKF			25271-869
PS-357V	C	3	1.625	1	VCFKF			25271-870
PS-380	D	1	1.625	1	BCFJF			S1415
PS-460	D	1	1.625	1	BCFKF			S363, S364
PS-4253	D Bal.	3	1.500	1	VCFKF	316SS		25276-251
PS-236	E	1	1.625	1	BCFKF			
PS-557	E	3	1.625	1	BCFJF			25271-032
PS-791	E	3	1.625	1	BCFKF			S388
PS-793	S	8	1.750	1	NAPSP		Model: 13A2-B	GS-1000
PS-9018	W	27	2.156	1	TCFJF	316SS		S1212
PS-348	C	—	—	1-1/8	BCF-F			92055-1112
PS-867	E	3	1.750	1-1/8	BCFKF			25271-039
PS-867V	E	3	1.750	1-1/8	VCFKF			25271-037
PS-756	C	1	1.875	1-1/4	BCFKF			S1621
PS-185-EPR	C	1	1.875	1-1/4	QCFJF			25271-893
PS-598	C	3	1.875	1-1/4	BCFKF			25271-889
PS-185V	C	3	1.875	1-1/4	VCFJF			25271-888
PS-756V	C	3	1.875	1-1/4	VCFKF			25271-836, 25271-886
PS-381	D	1	1.875	1-1/4	BCFJF			S321
PS-383	D	1	1.875	1-1/4	BCFKF			S37, S493
PS-517	D	3	1.875	1-1/4	BCFKF			S493C
PS-981	D	3	1.875	1-1/4	BCFKF			S321A
PS-383V	D	3	1.875	1-1/4	VCFKF			25271-192
PS-361	E	1	1.875	1-1/4	BCFJF			S335
PS-137	E	1	1.875	1-1/4	BCFKF			S350
PS-546	E	3	1.875	1-1/4	BCFJF			42029, 25271-044
PS-137V	E	3	1.875	1-1/4	VCFKF			25271-043
PS-6259	G	1	1.875	1-1/4	VCFJF	316SS		25276-633
PS-794	S	8	2.125	1-1/4	NAPSP		Model: 14C2B	GS-1250
PS-2234	E	3	2.062	1-7/16	BCFKF			25271-051
PS-2234V	E	3	2.062	1-7/16	VCFKF			25271-056
PS-758	C	1	2.125	1-1/2	BCFJF			S1150

**NOTE:** N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. (continued) (For Additional Listings - See Page 155)</b>								
PS-553	C	3	2.125	1-1/2	BCFKF			25271-907
PS-659V	C	3	2.125	1-1/2	VCFKF			
PS-371	D	1	2.125	1-1/2	BCFKF			S283, S317, S774
PS-534	D	3	2.125	1-1/2	BCFKF			S1934
PS-371V	D	3	2.125	1-1/2	VCFKF			25271-207
PS-7079	D	28	2.375	1-1/2	VZFFZ			12364A
PS-374	E	1	2.125	1-1/2	BCFKF			S239
PS-8002	X Special	3	2.125	1-1/2	BCFJF			25271-554
PS-382	D	1	2.125	1-1/2	BCFJF		Models S4A1, S4B1, S6A1, S6B1, S6C1, S8A1, S8B1	S1934
PS-239V	C	3	2.375	1-5/8	VCFKF			25271-921
PS-544	C	3	2.375	1-5/8	BCFKF			25271-922
PS-2058	E	1	2.375	1-5/8	BCFKF			25271-061
PS-1683	E	3	2.375	1-5/8	BCFJF			25271-064
PS-446	C	1	2.500	1-3/4	BCFJF			S1822
PS-2212	C	1	2.500	1-3/4	BCFJF		Model S8C1	25271-947
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			25271-942
PS-436	C	3	2.500	1-3/4	BCFKF			25271-943
PS-267	C	1	2.750	2	BCFJF			25271-971
PS-267V-CMS	C	1	2.750	2	VCFJF			
PS-1145	C	3	2.750	2	VCFKF			25271-983
PS-332	C	3	2.750	2	BCFKF			S1929
PS-1688	E	3	3.125	2-1/4	BCFJF			25271-095
PS-463	D	3	3.375	2-1/2	BCDKF			
PS-3888	D	3	3.375	2-1/2	VZFLF			26835-541
PS-349V-TC-SC	E	3	3.375	2-1/2	VZFLF			26835-544, 26835-546
PS-6219	D	3	3.875	3	BZFLF			26835-548
PS-4033	D	3	3.875	3	VZFLF			26835-542
PS-7835V	C	3	4.125	3-1/4	VCFJF			25271-994
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES)</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		
PS-1002	C	1	1.000	1/2	BCFJF	N	Fig. 3604	74207-0050
PS-1002V	C	1	1.000	1/2	VCFJF	N		74208-0050, 74209-0050
PS-702	A	1	1.187	5/8	BMFJF		Balanced Flow BF-03, Series: LS, LD, G, O, M, XS05, 15, 20, 30, 50, Jetomatic, Fig. 3642, 3742, Fig 3672	10K1, 10K6, 70470-5062, 72598-1062, 20-83-1100
PS-701	A	1	1.187	5/8	BMFKF		Balanced Flow BF-03, Figs.: 3648, 3628, 3728, 3748, 3642, 3742, 3638, 3738, 3788, and 3811	10K2, 72598-3062
PS-518-SC-SC	A	1	1.187	5/8	BLFLF			10K63
PS-702-EPR	A	1	1.187	5/8	QCFJF			10K110, 72598-8082
PS-3977	A	1	1.187	5/8	VLFLF			10K105, 10K120, 3481008 72598 7062
PS-702V	A	1	1.187	5/8	VCFJF			10K24
PS-4240	A	1	1.187	5/8	BCFJF			10K10, 10K121
PS-200V-SC-SC	A	1	1.250	5/8	VLFLF			
PS-600	B	1	1.187	5/8	BMFJF		Fig. 3231	
PS-700	B	1	1.187	5/8	BMFJF		Cellar Drainer Fig. 3631	10K7
PS-1000V	B	3	1.250	5/8	VCFJF			696-0442
PS-3926	B	9	1.062	5/8	VCFKF	316SS		10K127
PS-411V	B	11	—	5/8	VCFJF	A		15K20
PS-1155	C	1	1.187	5/8	BCFJF			
PS-493	C	1	1.187	5/8	BCFKF		Fig. 3377 and 3371 Multi Stage	10K3
PS-4222	C	1	1.187	5/8	QCFLF	316SS/H		10K18
PS-3707	C	1	1.187	5/8	QLFLF	316SS/H	Does Not Require Springholder	10K81
PS-4226	C	1	1.187	5/8	VLFLF	316SS/H		
PS-1155V	C	1	1.187	5/8	VCFJF			10K24

**NOTE:** A. MOUNTS ON SHAFT  
H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES) (continued)</b>								
PS-4031	C	1	1.187	5/8	VCFLF			10K46, 10K55
PS-3613	C	1	1.187	5/8	VLFLF			
PS-6267	G	1	1.187	5/8	QLFLF			10K167, A00576C 1
PS-8104	XA	9	1.062	5/8	YCFKF			10K109
PS-1522	A	—	—	3/4	BMF-F			7501000
PS-750	D	1	1.375	3/4	BCDJF			10K4
PS-3996	C	1	1.500	7/8	VCFLF			10K40
PS-303	D	1	1.500	7/8	BCDKF			70470-4087
PS-703	D	1	1.500	7/8	BCDJF		XS15, 20, 50 Aqua Lawn Jetomatic, Fig. 3629, 3639, 3649, 3678, 3729, 3739, 3749, and 3789	10K8
PS-397V	C	—	—	1	VCF-F			41355000000
PS-235	C	1	1.625	1	BCFJF			10K12, 84001-2
PS-754	E	1	1.625	1	BCFJF		Fig. 3169M, 3450, 3650, 3655, 3750, 3750S, and 3755	70783-1100
PS-236	E	1	1.625	1	BCFKF			69127-2100
PS-557	E	3	1.625	1	BCFJF			91666-1000 91670-1000
PS-3976	E	3	1.625	1	VCFJF	316SS	Model 3655 / 3755 S	
PS-8020	XB2	3 Special	1.750	1	VCFJF	316SS		
PS-710	E	1	1.750	1-1/16	BCFJF		Fig. 3305S, 3405	70783-3106
PS-356	C	1	1.750	1-1/8	BCFJF		Fig. 3643	10K21
PS-355-SC-SC	C	1	1.750	1-1/8	BLFLF			10K28
PS-356-SC-TC	C	1	1.750	1-1/8	BLFZF			10K22
PS-588	C	3	1.750	1-1/8	BCFKF	B	Fig. 3643	10K9, 76407-1112
PS-185	C	1	1.875	1-1/4	BCFJF		Fig. 3656	10K13, 9152071001
PS-2208	C	1	1.875	1-1/4	BZFZF			9152071002
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			10K25
PS-3886	C	1	1.875	1-1/4	VCFJF	316SS		A06101A02
PS-3538	C	1	1.875	1-1/4	VCFLF	316SS		10K27, 76407 8125
PS-4176	C	1	1.875	1-1/4	VCFZF	316SS		A06101A07
PS-4150	C	1	1.875	1-1/4	VLFLF	316SS		10K64, 10K188
PS-510	D	1	2.000	1-1/4	BCFJF			51010
PS-361	E	1	1.875	1-1/4	BCFJF		2" Fig. 3460	
PS-2128	E	3	1.875	1-1/4	BCFJF		3316-3405 Group S	
PS-2129	E	3	1.875	1-1/4	BCFKF			
PS-177	C	1	2.000	1-3/8	BCFJF			
PS-7919	C	3	2.000	1-3/8	B/VLFLF			43350000000
PS-4194	D	1	2.000	1-3/8	VLFLF			A015616E000
PS-354	E	1	2.000	1-3/8	BCFJF		Fig. 3320, 3345	
PS-677	E	1	2.000	1-3/8	BCFKF			
PS-864	E	3	2.000	1-3/8	BCFJF		3196ST	
PS-865	E	3	2.000	1-3/8	BCFKF		3196ST	
PS-3901	E	3	2.000	1-3/8	VCFJF	316SS/C/H		A04710A01
T9-1375	WT	—	—	1-3/8	TCF-F	316SS		90432001
PS-705	E	3	2.062	1-7/16	BCFJF		Fig. 3405M, 3305M	70783-3143
PS-2106-P66	E	—	—	1-1/2	BCF-F	I		91671-0001
PS-305	E	1	2.125	1-1/2	BCFJF		Fig. 3169, 3650, 3655, 3750 For Group M and K, 2-1/2" Fig. 3430	70783-1150
PS-374	E	1	2.125	1-1/2	BCFKF			
PS-395	E	3	2.125	1-1/2	BCFJF			776A908-2
PS-238-EPR-SC	C	1	2.375	1-5/8	QCFLF			10K20
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			10K26
PS-238V-SC-CMS	C	1	2.375	1-5/8	VCFLF			10K45
PS-7806	C	1	2.375	1-5/8	VLFLF			10K65, 10K189
PS-818	C	3	2.375	1-5/8	BCFJF			45162000000 46983000000

**NOTE:** B. TAPERED SPRING  
 C. COMPLETE WITH COLLAR  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES) (continued)</b>								
PS-238V	C	3	2.375	1-5/8	VCFJF			46983000000 46984000000 A05632E000
PS-238V-SC-SEAT	C	3	2.375	1-5/8	VCFLF			
PS-544V-SC-SC	C	3	2.375	1-5/8	VLFLF			10K186
PS-7497	C	25	2.500	1-5/8	B/VCFJF			A05669E000
PS-7497V	C	25	2.500	1-5/8	VCFJF			A05670E000
PS-446	C	1	2.500	1-3/4	BCFJF		10K181-Lower Seal See PS-267 for Upper Seal	10K157, 9152091001
PS-446-SC-SC	C	1	2.500	1-3/4	BLFLF			10K31
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			9152091003
PS-3719	C	3	2.500	1-3/4	B/VLFZF			10K83
PS-2108	C	—	—	1-3/4	BCF-F			92055 1175
PS-7867	E	—	—	1-3/4	BCF-F	316SS/C/I		
PS-1684	E	3	2.312	1-3/4	BCFJF		3316, 3405 Group M	
PS-4326	E	3	2.312	1-3/4	VCFJF	316SS/C		
PS-535	E	3	2.500	1-3/4	BCFJF		3196MT - 3735/36M	
PS-262	E	3	2.500	1-3/4	BCFKF			
PS-3902	E	3	2.500	1-3/4	VCFJF	316SS/C	3196MT	A04754A01
PS-1078	E	27	3.000	1-3/4	BCFJF		3316-3405M	
PS-3754	V	3	2.750	1-3/4	BCFJF			43424000000
PS-267	C	1	2.750	2	BCFJF		10K181-Upper Seal, 10K182-Lower Seal See PS-446 for Lower Seal	9152101002
PS-2219	C	1	2.750	2	BZFZF			9152101001
PS-3993	C	3	2.750	2	BCFJF			10K142
PS-3721	C	3	2.750	2	BLFZF			10K85, 76407 9200
PS-267V-SC-SC	C	3	2.750	2	VLFLF			43434000000
PS-707	E	3	2.875	2-1/16	BCDKF		Fig. 3305, 3306, 3405, 3406 Group L	
PS-1679	C	1	3.125	2-1/4	BCFJF		10K182-Upper Seal	9152111001
PS-848	E	3	3.125	2-1/4	BCDJF			
PS-849	E	3	3.125	2-1/4	BCDKF			
PS-3951	E	27	3.906	2-1/4	VCFKF		3405 L 10x12-14	
PS-4089	E	3	3.500	2-3/4	VCFLF	316SS	3410 L Pump	
PS-2153-CMS	C	1	3.875	3	BCFJF			9152141005
PS-8060	X	3	5.375	4-3/8	VCFKF	316SS	Fig. 3415 Group M	
<b>GRAHAM ENGINEERING CORP.</b>								
PS-1688	E	3	3.125	2-1/4	BCFJF			65100021
<b>GRAINGER (See TEEL PUMP)</b>								
<b>GRISWOLD PUMP CO.</b>								
PS-2122	C	1	1.875	1-1/4	BCFJF			10036903
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-446	C	1	2.500	1-3/4	BCFJF			10037002
PS-2142	C	1	2.500	1-3/4	BCFJF			10037000
PS-448V-CMS	C	1	2.500	1-3/4	VCFKF			10037002CNV
PS-448V-SC-SC	C	1	2.500	1-3/4	VLFLF			10037002SSV
<b>GRUNDFOS CBS, INC. (For Additional Listings - See Pages 166-167)</b>								
PS-1618	C	1	1.250	5/8	BCFJF	B		14032695, 91868262
PS-974	A	—	—	3/4	BCF-F			91867994
PS-768	C	3	1.375	3/4	BCFKF			91868257
PS-112V	C	3	1.375	3/4	VCFKF			91868215
PS-154	C	—	—	1-1/4	BCF-F			91868171
PS-185	C	1	1.875	1-1/4	BCFJF			91868317
PS-1109V	C	3	1.875	1-1/4	VCFKF			91868217
PS-361-P66	E	1	1.875	1-1/4	BCFJF	I		91867954

**NOTE:** B. TAPERED SPRING  
C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS CBS, INC. (continued) (For Additional Listings - See Pages 166-167)</b>								
PS-264-P66	E	3	1.875	1-1/4	BCFKF	I		91867962
PS-137V-P66	E	3	1.875	1-1/4	VCFKF	I		91867976
PS-3974	D Bal.	1	1.875	1-3/8	BCFJF			91867955
PS-2105	C	—	—	1-1/2	BCF-F			91868172
PS-2106	E	—	—	1-1/2	BCF-F			91868014
PS-2108	C	—	—	1-3/4	BCF-F			91868173
PS-2108V	C	—	—	1-3/4	VCF-F			91868252
PS-2142	C	1	2.500	1-3/4	BCFJF			91868269
PS-2151	C	3	2.500	1-3/4	BCFKF			91868260
PS-2151-TC-SEAT	C	3	2.500	1-3/4	BCFZF			91868230
PS-2151V	C	3	2.500	1-3/4	VCFKF			91868219
PS-2109	E	—	—	1-3/4	BCF-F			91868003, 91868293
PS-2109-EPR	E	—	—	1-3/4	QCF-F			91868466
PS-205	E	1	2.500	1-3/4	BCFJF			91867956
PS-205V-CMS	E	1	2.500	1-3/4	VCFJF			96702875
PS-262	E	3	2.500	1-3/4	BCFKF			91867963
PS-449	K	1	2.500	1-3/4	BCFJF			91868291
PS-674	T	1	2.500	1-3/4	BCFJF			91868024
PS-477-P66	E	3	2.750	2	BCFKF	I		91868207
PS-2111	C	—	—	2	BCF-F			91868174
PS-3537	C	1	3.125	2-1/4	BCFJF			91868272
FA-2098	E	—	—	2-3/8	BCF-F			91868099
<b>GUSHER PUMPS</b>								
PS-164	B	9	—	1/2	BMFKF	A		
PS-1002	C	1	1.000	1/2	BCFJF	N		84076-3
PS-957	A	1	1.187	5/8	BCFJF			84081
PS-701V	A	1	1.187	5/8	VCFKF			84090
PS-359	C	1	1.250	5/8	BCFJF			84000-2, 84000-30
PS-1079	C	1	1.250	5/8	NCFJF			
PS-1080	C	1	1.250	5/8	NCFKF			
PS-359V-CMS	C	1	1.250	5/8	VCFJF			84000-24
PS-359V-SC-CMS	C	1	1.250	5/8	VCFLF			84000-38
PS-441	B	9	—	3/4	BMFKF	A		84082
PS-358V-TC-TC	C	1	1.375	3/4	VZFZF			84064-6
PS-309	C	1	1.500	7/8	BCFJF			84079-2
PS-3941	C	1	1.500	7/8	VLFLF			84079-9
PS-2026	D	3	1.500	7/8	BCFJF			84138-1
PS-370	A	1	1.625	1	BCFKF			84089
PS-235	C	1	1.625	1	BCFJF			84001-2, 84001-12
PS-235V-CMS	C	1	1.625	1	VCFJF			84001-10
PS-235V-SC-SC	C	1	1.625	1	VLFLF			84001-14
PS-2216V-CMS	C	1	1.625	1	VZFZF			84176-2
PS-2122	C	1	1.875	1-1/4	BCFJF			84002-31
PS-2123	C	1	1.875	1-1/4	BCFKF			84002-17
PS-1081	C	1	1.875	1-1/4	NCFJF			
PS-1083	C	1	1.875	1-1/4	NCFJF			
PS-1082	C	1	1.875	1-1/4	NCFKF			
PS-1084	C	1	1.875	1-1/4	NCFKF			
PS-1084-TC-SEAT	C	1	1.875	1-1/4	NCFZF			84002-27, 84008-27
PS-2215	C	1	1.875	1-1/4	QCFJF	I		84002-3, 84002-18 84002-55

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GUSHER PUMPS (continued)</b>								
PS-4053	C	1	1.875	1-1/4	QLFLF			84002-57
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			84217-3
PS-2123V-CMS	C	1	1.875	1-1/4	VCFKF			84002-12
PS-2123V-TC-CMS	C	1	1.875	1-1/4	VCFZF			84002-34
PS-185V-SC-SC	C	1	1.875	1-1/4	VLFLF			84217-1
PS-7805	C	1	1.875	1-1/4	VLFLF			84002-22, 84002-50
PS-2122V-TC-SC-CMS	C	1	1.875	1-1/4	VZFLF			84002-41, 84002-58 84002-59
PS-210-TC-SEAT	C	1	2.000	1-3/8	BCFZF			84105-14
PS-177V-CMS	C	1	2.000	1-3/8	VCFJF			84144-2
PS-210V-CMS	C	1	2.000	1-3/8	VCFKF			84105-7
PS-177V-SC-SC	C	1	2.000	1-3/8	VLFLF			84015-18
PS-210V-TC-SC	C	3	2.000	1-3/8	VZFLF			84105-5
PS-758	C	1	2.125	1-1/2	BCFJF			84109-1
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			84109-2
PS-2107	C	—	—	1-5/8	BCF-F			84004-55
PS-238	C	1	2.375	1-5/8	BCFJF			84004-28
PS-239	C	1	2.375	1-5/8	BCFKF			84004-18
PS-238-TC-SC	C	1	2.375	1-5/8	BZFLF			84002-40
PS-3664	C	1	2.375	1-5/8	BZFZF			84004-30
PS-238-EPR	C	1	2.375	1-5/8	QCFJF			84004-34
PS-7902	C	1	2.375	1-5/8	VCFJF			84004-46
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			84004-26
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			84004-7
PS-238V-P66-TC	C	1	2.375	1-5/8	VCFZF	I		84004-20
PS-7806	C	1	2.375	1-5/8	VLFLF			84004-23, 84004-39
PS-238V-TC-SC-CMS	C	1	2.375	1-5/8	VZFLF			84004-42, 84004-48 84004-49, 84004-55
PS-2057	E	1	2.375	1-5/8	BCFJF			84005-2, 84005-15
PS-2058V-TC-SEAT	E	1	2.375	1-5/8	VCFZF			84005-28
PS-1699E-TC-P66	E	3	2.375	1-5/8	QCFZF	I		84005-27
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			84006-11
PS-7561	E	3	2.500	1-3/4	VCFZF	C/I		84007-15
PS-7901	E Bal.	1	2.375	1-3/4	BCFJF			84004-46
PS-9106	W	2	2.500	1-3/4	TCFJF	316SS		84010-01
PS-267	C	1	2.750	2	BCFJF			84176-1
PS-267V-CMS	C	1	2.750	2	VCFJF			84176-2
PS-6224	C	1	2.750	2	VLFLF			84176-4
PS-1613	K	3	3.375	2-1/2	BCFJF			84059-5
<b>HAIGHT PUMP</b>								
PS-825	D	3	2.500	1-3/4	BCDKF			AP13.518X
PS-237V	D	3	2.500	1-3/4	VCDJF			AP13.518Y

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HALE PRODUCTS, INC.</b>								
PS-201	A	1	1.375	3/4	BMFJF			292-5040-00-3
PS-851	A	1	1.375	3/4	BCFJF			296-5040-00
PS-360	A	1	1.625	1	BCFJF			296-5010-00
PS-235	C	1	1.625	1	BCFJF		Model: 20FD 106434	25D-G444, 1001-02-20-00
PS-1048	C	1	1.625	1	BCFJF	H		296-5060-00-0
PS-548	C	3	1.625	1	BCFJF			296-5060-06-0
PS-1049	C	3	1.625	1	BCFJF	H		
PS-356	C	1	1.750	1-1/8	BCFJF			296-5220-00
PS-177	C	1	2.000	1-3/8	BCFJF			296-5250-99
PS-495	K	1	2.000	1-3/8	BCFJF			296-5070-00
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		
PS-758	C	1	2.125	1-1/2	BCFJF			296-5021-03
PS-378	C	1	2.125	1-1/2	BCFKF	B/H		296-5020-06
PS-659	C	1	2.125	1-1/2	BCFKF			296-5021-01
PS-2209	C	1	2.125	1-1/2	BZFZF			296-5021-06-0
PS-267	C	1	2.750	2	BCFJF			296-5210-00
<b>HALL SCOTT</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-750	D	1	1.375	3/4	BCDJF		Pump 390	
<b>HAYWARD GORDON</b>								
PS-436-TC-TC	C	3	2.500	1-3/4	BZFZF			54099158
<b>HAYWARD INDUSTRIES, INC.</b>								
PS-2131	A	1	—	5/8	BMFJF	G	Power-Flo LX, Power-Flo® Matrix™ Power-Flo II™, Turbo Flo®	SPX1500KA
PS-200	A	1	1.250	5/8	BMFJF		Cast Iron	SPX1250XZ2C
PS-3960	G	1	1.250	5/8	BCFJF			SPX1250XZ2 SPX2700SA
PS-3890	G	1	1.381	5/8	BCFJF		NorthStar™, Tri-Star®	SPX3200SA, SPX4000, SPX4000SA, SPX4000SA2
PS-201	A	1	1.375	3/4	BMFJF		Max-Flo™, Super Pump®, Super Pump II®	SPX1600Z2, SPX1600Z2G
PS-370	A	1	1.625	1	BCFKF			
<b>HOBART CORP.</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		R23682
PS-663	Q	1	1.000	1/2	BMFJF			C115710
PS-6313	Q	1	1.019	1/2	BCFJF			185694-4
PS-1085V	C	1	1.250	5/8	VCFJF	B		A104329, 00-114696
PS-235	C	1	1.625	1	BCFJF			R79205
PS-539	C	1	1.625	1	BCFJF	H		R87809
PS-754	E	1	1.625	1	BCFJF			
PS-754V	E	3	1.625	1	VCFJF			A104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-3854	Q	25	2.000	1-3/8	BMPAP			C114144
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072
<b>HOLLAND PUMP MFG.</b>								
PS-2209	C	1	2.125	1-1/2	BZFZF			
PS-2060-TC-TC	D	1	2.500	1-3/4	BZFZF			6TP
PS-340	C	1	2.625	1-7/8	BCFJF			
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			8TP
<b>HOMART-SEARS</b>								
PS-162	A	1	1.000	1/2	BMFJF			259-043, W6476
PS-100	A	1	1.187	5/8	BMFJF			42G2377W
PS-508	D	1	1.250	5/8	BCDJF			759-31
<b>HOMELITE</b>								
PS-200	A	1	1.250	5/8	BMFJF			62729
PS-711	A	3	1.187	5/8	BMFJF			A-62861-2
PS-201	A	1	1.375	3/4	BMFJF			A-75911

**NOTE:** B. TAPERED SPRING  
G. MOUNTS IN PLASTIC  
H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOMELITE (continued)</b>								
PS-601	B	1	1.375	3/4	BMFJF			43271
PS-601V-CMS	B	1	1.375	3/4	VCFJF		Models AP302,AP502	
PS-360	A	1	1.625	1	BCFJF			A-62403
PS-1086	A	3	2.000	1	BCFJF			A-62713, A-62713-1
PS-235	C	1	1.625	1	BCFJF			47046
PS-466	C	1	2.000	1-1/4	BCFJF			46150
<b>HOYT CORP.</b>								
PS-6301	Q	3	3.000	2-1/4	NMPAP			28-488
<b>HYDROMATIC® (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1621	Q	9	—	1/2	BMFJF	A		05484-000-1
PS-299	A	—	—	5/8	BMF-F			00083-002-1, 00083-007-1
PS-200	A	1	1.250	5/8	BMFJF			00083-000, 00083-001 14525A010
PS-200V-CMS	A	1	1.250	5/8	VCFJF			00083-010-1
PS-447	B	8	—	5/8	BCFJF	A		07548-000-1
PS-359	C	1	1.250	5/8	BCFJF			01556-000-1
PS-6216	C	1	1.250	5/8	VZFZF			11397-001-1
PS-851	A	1	1.375	3/4	BCFJF			17048-000-1
PS-201V-CMS	A	1	1.375	3/4	VCFJF			17048-001-1
PS-1622	B	9	—	3/4	BMFJF	A		04917-000-1
PS-358	C	1	1.375	3/4	BCFJF			00100-000-1
PS-703	D	1	1.500	7/8	BCDJF			11716A011
PS-235	C	1	1.625	1	BCFJF		HPLX200	00300-000-1
PS-235-SC-SC	C	1	1.625	1	BLFLF			00300-004-1
PS-2216	C	1	1.625	1	BZFZF			00696-000-1
PS-235V-CMS	C	1	1.625	1	VCFJF			00300-001-1
PS-2216V-CMS	C	1	1.625	1	VZFZF			00300-003-1
PS-185	C	1	1.875	1-1/4	BCFJF			04916-000-1
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			04916-003-1
PS-2208	C	1	1.875	1-1/4	BZFZF			04916-001-1
PS-185E-SC-CMS	C	1	1.875	1-1/4	QCFLF			04916-005-1
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			04916-002-1
PS-185V-TC-SC	C	1	1.875	1-1/4	VZFLF			04916-006-1
PS-185V-TC-TC	C	1	1.875	1-1/4	VZFZF			04916-004-1
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		08100-000-5
PS-758	C	1	2.125	1-1/2	BCFJF			00920-001-1
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			00920-013-1
PS-758-SC-TC-CMS	C	1	2.125	1-1/2	BLFZF			00920-011-1
PS-2209	C	1	2.125	1-1/2	BZFZF			00920-004-1
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		00920-003-1, 00920-005-1 00920-007-1
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			00920-009-1, 00920-014-1
PS-446	C	1	2.500	1-3/4	BCFJF			11049-001-1
PS-446-TC-TC	C	1	2.500	1-3/4	BZFZF			11049-002-1
PS-4410	C	1	2.500	1-3/4	BZFZF			21181A015
PS-340	C	1	2.625	1-7/8	BCFJF			14859-000-1

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED



## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HYDROMATIC® (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-340-TC-SC	C	1	2.625	1-7/8	BZFLF			14859-003-1
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			14859-001-1
PS-267	C	1	2.750	2	BCFJF			01957-000-1
PS-267-SC-SC-CMS	C	1	2.750	2	BLFLF			01957-005-1
PS-2219	C	1	2.750	2	BZFZF			01957-002-1
PS-3810V-CMS	C	1	2.750	2	VCFJF			01957-010-1
PS-267V-CMS	C	1	2.750	2	VCFJF			01957-001-1
PS-6218	C	1	2.750	2	VZFZF			01957-004-1
PS-1087	C	1	3.125	2-1/4	BCFJF			08073-000-1
PS-7064	C	1	3.125	2-1/4	BZFZF			08073-001-1
PS-1679V-CMS	C	1	3.125	2-1/4	VCFJF			08073-003-1
PS-3530	E	3	3.125	2-1/4	B/VZFZF			1100148SC2
PS-1088	C	3	3.875	3	BCFJF	B		03718-000-1
PS-761	D	3	3.875	3	BCDJF			43421-001-1
<b>HYPRO CORP. (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1050	C	—	—	1/2	BCF-F			10522C
PS-3001	G	3	1.000	1/2	VCFJF			24608
PS-3002	G	3	1.000	1/2	VCFJF	316SS		24766
PS-516	A	1	1.250	5/8	BCFJF			2120-0008, 9501-3
PS-200V-CMS	A	1	1.250	5/8	VCFJF		Model Nos. 9203, 9401C, 9300C-HM	2120-0009
PS-200V	A	3	1.250	5/8	VCFJF			9202-C, 9501-4
PS-3741	B	1	1.250	5/8	VLFLF			24466
PS-359V	C	3	1.250	5/8	VCFJF			
PS-4442	C	3	1.250	5/8	VCFKF			2120-0003
PS-3006	G	1	1.250	5/8	BCFJF	316SS		24275
PS-4220	G	1	1.250	5/8	VCFJF			24609
PS-3005	G	3	1.250	5/8	VLFLF	316SS		2120-0039
PS-851	A	1	1.375	3/4	BCFJF			2120-0010
PS-201V-CMS	A	1	1.375	3/4	VCFJF		9000 Series	2120-0011
PS-201V	A	3	1.375	3/4	VCFJF			9501-50
PS-3009	G	1	1.500	7/8	BCFJF	316SS		24458
PS-360	A	1	1.625	1	BCFJF			2120-0054, 24607
PS-360V-CMS	A	1	1.625	1	VCFJF			2120-0034, 24611
PS-397	C	—	—	1	BCF-F			21399
PS-3012	G	1	1.750	1-1/8	BLFLF	316SS		23906
PS-3015	G	25	2.000	1-3/8	VLFLF	316SS		2120-0043
<b>ICEE DISTRIBUTORS</b>								
PS-6234	C	1	1.250	5/8	BCFJF			0-ID1339
<b>IMO INDUSTRIES, INC.</b>								
PS-2138	C	Special	1.360	1/2	BCFGF			PP046JCE
PS-3729	X	3	1.000	1/2	BCFKF			PP046JRF
PS-7727	X Special	3	1.000	1/2	VCFGF			PP046JRH
PS-4313	C	3 Special	1.500	5/8	VCFGF			PP046JC/C
PS-752	D	1	1.375	3/4	BCDKF			PP046DP
PS-687	C	1	1.500	7/8	BCFKF			PP046H
PS-3824	C	28	2.438	1	BCFKF			PP046JM
PS-1034V	C	28	2.438	1	VCFKF			PP046JCH
PS-7991	D	25	1.625	1	BCPGP			PP046DF
PS-4255	D Bal.	3	1.500	1	VCFZF			PP046KDA
PS-8091	X	3	1.625	1	VCFRF	316SS		PP046JZC
PS-1044	C	28	2.834	1-3/16	BCFKF			PP046JL
PS-1044V	C	28	2.834	1-3/16	VCFKF			PP046JHG
PS-4152	C	3	1.875	1-1/4	BCFGF			PP046JLC/C

NOTE: B. TAPERED SPRING

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>IMO INDUSTRIES, INC. (continued)</b>								
PS-598-SC-SEAT	C	3	1.875	1-1/4	BCFLF			PP046JFF
PS-1036	C	28	2.835	1-1/4	BCFKF			PP046JH, PP046JH/C
PS-1036V	C	28	2.835	1-1/4	VCFKF			PP046JN
PS-4431	D	3	1.875	1-1/4	VLFLF			
PS-8073	X	28	2.832	1-1/4	VCFKF	316SS		PP046JBS, PP046JBS/CR
PS-3979	C	Special	2.740	1-1/2	BCFKF			PP046JAH
PS-371	D	1	2.125	1-1/2	BCFKF			PP046DAA
PS-1035	C	28	3.544	1-5/8	BCFKF			PP046JK
PS-1039	C	28	3.544	1-5/8	VCFKF			PP046JR, PP046JRC
PS-436-SC-SEAT	C	3	2.500	1-3/4	BCFLF			PP046JDT
PS-1038	C	28	3.544	1-3/4	BCFKF			PP046JG
PS-1038V	C	28	3.544	1-3/4	VCFKF			PP046JGJ
PS-8058	X	3	2.500	1-3/4	VCFLF	316SS		PP046JWF
PS-462	D	1	2.750	2	BCDKF			PP046BP
PS-1676	C	3	3.125	2-1/4	BCFKF			PP046JCD
PS-1677	C	28	5.118	2-3/8	BCFKF			PP046FBY
PS-8003	X	3	3.250	2-3/8	VCFLF	316SS		PP046JTT
PS-3862	X	3	4.375	3.500	VCFKF	316SS		PP046JZM
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (See FLOWERVE CORP.)</b>								
PS-164	B	9	—	1/2	BMFKF	A		
PS-200	A	1	1.250	5/8	BMFJF			CPM-6252C1, CPM-6258C1
PS-507V	A	3	1.250	5/8	VCFKF			CPM-625271, CPM-625871
PS-600	B	1	1.187	5/8	BMFJF		Bronze Fitted KRVS-A-3/4, 1-1/4, Model B 1/4 to 1-1/2 HP Motors	CPM-10015
PS-616	B	1	1.187	5/8	BMFKF		Iron Fitted KRVS-A-3/4, 1-1/4, Model B 1/4 to 1-1/2 HP Motors	CPM-10029, 60110269
PS-359	C	1	1.250	5/8	BCFJF		1x 4, -3/4, 1, 1-1/4, 2 x 5 HK & HOK	CPM-6251C1
PS-633	C	1	1.250	5/8	BCFKF		1x 4, 3/4, 1, 1-1/4, 1-1/2, 2 x 5 HK	CPM-625171
PS-760	A	3	1.375	3/4	BMFJF		SMP 1000 & SMP 2000	CPM-10600A
PS-601	B	1	1.375	3/4	BMFJF			CPM-10034, 60116225
PS-606	B	1	1.375	3/4	BMFKF			CPM-10035, 60110301
PS-564	C	—	—	3/4	BCF-F			02443900
PS-3654	C	1	1.375	3/4	BCFKF		SMP2000	
PS-2236	C	3	1.375	3/4	BCFJF		SMP2000	1802ATY210RM075BF1C1 60721792, 60980901
PS-2235	C	3	1.375	3/4	VCFJF			CPM-10606A, 60724572
PS-7994	E	3	1.187	3/4	VCFKF			1802AJCTYPIR075XP171
PS-303	D	1	1.500	7/8	BCDKF			W-11448, W-20168
PS-602	D	1	1.562	7/8	BCDJF		KRVS-1-1/2, 2, 3 1/4 to 1-1/2 HP	CPM-10052
PS-603	D	1	1.562	7/8	BCDKF		KRVS	CPM-10053
PS-7859V	E	3	1.312	7/8	VCFKF	316SS		1802AJCTYP1R088BF171
PS-560V	U	3	1.562	15/16	VCFKF		7GA	1802AJCTYP1R094 03144601, 74744319
PS-801	C	3	1.750	1-1/8	BCFJF		3 x 5 HK, 3 x 6 HK	CPM-1121C1, 60487089
PS-2226	C	3	1.750	1-1/8	QCFZF	I	3 x 5 HK, 3 x 6 HK	CPM-112171
PS-355V	C	3	1.750	1-1/8	VCFKF			39633201, 39757141
PS-604	D	1	1.750	1-1/8	BCFJF		Bronze Fitted KRVS-1	CPM-10026, 60110434 CPM-10054
PS-605	D	1	1.750	1-1/8	BCFKF		Iron Fitted KRVS-1	CPM-10055, 60110442
PS-521	D	1	1.875	1-1/8	BCFKF			W-31826
PS-607	E	1	1.687	1-1/8	BCFJF		Bronze Fitted 1, 2 RVN-1 1-1/2, 2, 3 RVNL 1-1/2, 2 RV and RVH-3RVS, 1-1/2 RVL	CPM-10043, 60110327
PS-608	E	1	1.687	1-1/8	BCFKF		Iron Fitted 1, 2 RVN-1 1-1/2, 2, 3 RVNL 1-1/2, 2 RV and RVH-3RVS, 1-1/2 RVL	CPM-10044, CPM-10087 60110335
PS-867	E	3	1.750	1-1/8	BCFKF			68885865, 69237592
PS-4421	E	3	1.750	1-1/8	QCFJF	316SS		
PS-204V	E	3	1.750	1-1/8	VCFJF			CPM-10715A, 60954682
PS-867V	E	3	1.750	1-1/8	VCFKF			CPM-10715B, 68885847
PS-867V-TC-SEAT	E	3	1.750	1-1/8	VCFZF			1802AJCTYP1A112XF1D1 60954716

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (continued) (See FLOWSERVE CORP.)</b>								
PS-1636	E	3	1.812	1-1/8	B/VCFJF		H/HC/VOC/HOC	CPM-10465A, CPM-10470A
PS-1637	E	3	1.812	1-1/8	B/VCFKF		H/HC/VOC/HOC	CPM-10406B, CPM-10465B CPM-10470B
PS-619	E	3	1.812	1-1/8	BCFJF		Long Nose Carbon	CPM-10217A, CPM-10220A
PS-948	E	3	1.812	1-1/8	BCFKF		Long Nose Carbon	CPM-10217B, CPM-10220B
PS-1668	E	3	1.812	1-1/8	BCFZF			CPM-10465C, CPM-10470C
PS-1639V	E	3	1.812	1-1/8	VCFKF			CPM-10406B
PS-1172V	E	3	1.812	1-1/8	VCFJF		6 VOC 7 HOC	CPM-10406A
PS-3511	T	3	1.750	1-1/8	VCFJF		HOC2 & VOC 2	1802AJCTYP1DBLXF1C1
PS-343	E	1	1.875	1-3/16	BCDKF			CPM-118S429X2
PS-310	E	1	1.875	1-3/16	BCDJF			CPM-118S429X5
PS-723	T	1	1.875	1-3/16	BCDJF		Models DHV and DMV	CPM-118S429X4, 60111267
PS-724	T	1	1.875	1-3/16	BCDKF		Models DHV and DMV	CPM-118S429X3
PS-185	C	1	1.875	1-1/4	BCFJF			CPM-10601A
PS-756	C	1	1.875	1-1/4	BCFKF			W-44104
PS-618	C	3	1.875	1-1/4	BCFJF		SMP 3000 & SMP 2000	1802ATY210RM125BF1C1 CPM-10601A, 60721800 60980918, 60980919
PS-185V	C	3	1.875	1-1/4	VCFJF			CPM-10613A
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			CPM-10604A 1802TY210RM028F171
PS-756V	C	3	1.875	1-1/4	VCFKF			74898800
PS-618V-TC-SEAT	C	3	1.875	1-1/4	VCFZF			CPM-10709, 60727401
PS-2203	C	3	1.875	1-1/4	QCFKF	I		1802ATY210RM125028F171 68867910 74898800, W-32652
PS-416	D	—	—	1-1/4	BCF-F			
PS-3973	U	2	1.875	1-1/4	BCPKF			
PS-467	C	1	2.125	1-3/8	BCFKF			W-21642, W-28861
PS-354	E	1	2.000	1-3/8	BCFJF			CPM-137S429X5
PS-677	E	1	2.000	1-3/8	BCFKF			CPM-137S429X2
PS-3925	E	3	2.125	1-3/8	VCFJF			1802AJCTYPEA138XF1C1 74816117
PS-725	T	1	2.000	1-3/8	BCFJF			CPM-137S429X4 60111275
PS-726	T	1	2.000	1-3/8	BCFKF			CPM-137S429X3
PS-371	D	1	2.125	1-1/2	BCFKF			W-27658
PS-2106	E	—	—	1-1/2	BCF-F			3879AJCTYP1A150BF1-1 68886175, 68886183
PS-2106V	E	—	—	1-1/2	VCF-F			CPM-10369ABC CPM-10407ABC 3879AJCTYP1A150XF-1 80612400
PS-305	E	1	2.125	1-1/2	BCFJF		GTB	CPM-10367A CPM-10368A
PS-395	E	3	2.125	1-1/2	BCFJF			CPM-10132
PS-258	E	3	2.125	1-1/2	BCFKF		GTB	CPM-10129, CPM-10367B CPM-10368B, 6886100
PS-305V	E	3	2.125	1-1/2	VCFJF		GTB	CPM-10369A, 68886068 1802AJCTYP1A150XF1C1
PS-374V	E	3	2.125	1-1/2	VCFKF		GTB	CPM-10369B 1802AJCTYPIRX171 1802AJCTYP1A150XF171
PS-620	E	3	2.312	1-1/2	BCFJF		Long Nose Carbon	CPM-10218A CPM-10221A
PS-629	E	3	2.312	1-1/2	BCFKF		Long Nose Carbon	CPM-10218B CPM-10221B
PS-4034	E	3	2.312	1-1/2	BCFZF			CPM-10466C, 60514148
PS-1647	E	3	2.312	1-1/2	B/VCFJF		H/HC	CPM-10466A CPM-10471A
PS-1648	E	3	2.312	1-1/2	B/VCFKF		H/HC	CPM-10466B, CPM-10471B 60514288
PS-1651	E	3	2.312	1-1/2	VCFJF		H/HC	CPM-10473A, 60514122
PS-620V	E	3	2.312	1-1/2	VCFJF		Long Nose Carbon	CPM-10224A

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (continued) (See FLOWERVE CORP.)</b>								
PS-1652	E	3	2.312	1-1/2	VCFKF		H/HC	CPM-10473B, 60514726
PS-1691	E	3	2.312	1-1/2	VCFKF		Long Nose Carbon	CPM-10224B
PS-1692	E	3	2.312	1-1/2	VCFZF		Long Nose Carbon	CPM-10224C
PS-818	C	3	2.375	1-5/8	BCFJF		SMP 3000	CPM-10602A, 60721818
PS-609	E	1	2.312	1-5/8	BCDJF		2, 3, 4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10045, 60110343
PS-484	E	1	2.312	1-5/8	BCDKF			X33548P1
PS-346	E	1	2.312	1-5/8	BCFJF		3 RVL	CPM-10028
PS-610	E	1	2.312	1-5/8	BCFKF		2, 3, 4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10046, 60110350
PS-859-TC-SEAT	E	3	2.500	1-3/4	BCFZF		S-Line Series 100	CPM-10347
PS-7950	E	3	2.500	1-3/4	QCFZF	I		748409-92
PS-4139	E	3	2.625	1-3/4	VCFKF			1802ATCTYP1R175XF171
PS-674	T	1	2.500	1-3/4	BCFJF		3, 4, 5 RVL and CRVL	CPM-10024
PS-722	E	1	2.625	1.771	BCFJF			CPM-177S429X5
PS-719	E	1	2.625	1.771	BCFKF			CPM-177S429X2
PS-727	T	1	2.625	1.771	BCFJF			CPM-177S429X4
PS-728	T	1	2.625	1.771	BCFKF			CPM-177S429X3
PS-340-EPR-CMS	C	1	2.625	1-7/8	QCFJF			CPM-10656
PS-2069	E	1	2.625	1-7/8	BCFJF			CPM-10370A
PS-2071	E	3	2.625	1-7/8	BCFJF			CPM-10371A
PS-2072	E	3	2.625	1-7/8	BCFKF		3GT	CPM-10158, CPM-10370B CPM-10371B 1802AJCTYP1A188B/XF171 6043421,68885987
PS-1659	E	3	2.625	1-7/8	VCFJF		GTB	CPM-10372A 1802AJCTYPA188XF1C1 60954757
PS-1660	E	3	2.625	1-7/8	VCFKF		GTB	CPM-10372B, 60954807 68859601
PS-1661	E	3	2.625	1-7/8	VCFZF			CPM-10716C 1802AJCTYP1A188-XF1D1
PS-949	E	3	2.687	1-7/8	BCFKF		Long Nose Carbon	CPM-10219B CPM-10222B
PS-1662	E	3	2.687	1-7/8	B/VCDJF		VOC/HOC	CPM-10467A
PS-1664	E	3	2.687	1-7/8	B/VCFJF		VOC/HOC Long Nose Carbon	CPM-10219A, CPM-10222A CPM-10461A, CPM-10467B CPM 10472B
PS-7020	E	3	2.687	1-7/8	VCFJF			CPM-10225A, CPM-10408A
PS-1653	T	3	2.687	1-7/8	VCFJF		HOC 6 x 4 x 13	CPM-10278
PS-530	E	3	2.750	2	BCFJF			
PS-477	E	3	2.750	2	BCFKF			CPM-200S429X2 CPM-200S429X7
PS-342	E	3	2.750	2	NCPKP		1-1/2, 2 and 3 VM-1-1/2 and 3 VL 3 VLA Vertical Pumps and S Line	CPM-10130 CPM-200S429X1
PS-611	E	3	2.812	2-1/8	BCFJF		All Bronze Fitted Pumps 1-1/2, 2 MRV-5 RVH, 6 RVL, 50RVL D	CPM-10047
PS-1612	E	3	2.812	2-1/8	BCFKF		All Iron Fitted Pumps 1-1/2, 2 MRV-5 RVH, 6 RVL, 50RVL D	CPM-10048, 60110376
PS-2086	E	3	3.000	2-1/8	BCFKF		Series 100S	CPM-10351
PS-278	E	3	3.250	2-3/8	BCFJF		HOC	CPM-10469A
PS-350	E	3	3.250	2-3/8	BCFKF		4GT/S/HOC	CPM-10159, CPM-10469B
PS-278V	E	3	3.250	2-3/8	VCFJF		HOC	1802AJCTYP1A238-XF1C1 6003427, 60969797
PS-2098V	E	3	3.250	2-3/8	VCFKF			CPM-10251B, CPM-10718B
PS-279	E	3	3.375	2-1/2	BCFJF			CPM-10134
PS-349	E	3	3.375	2-1/2	BCFKF			CPM-250S429X2 CPM-250S429X7 69261360
PS-321	E	3	3.500	2-3/4	V/BCFKF		S Line Series 100	CPM-10355
PS-475	E	3	3.875	3	BCDKF		6GT	
PS-325SS	U	3	4.125	3-1/4	BCFKF		S Line 211, 8 x 14SD,10 x 14SD	CPM-325S429X2 69261378

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INSINGER MACHINE CO.</b>								
PS-204	E	1	1.750	1-1/8	BCFJF			B15
<b>ITT INDUSTRIES (See A-C Pump, Bell &amp; Gossett, Domestic Pump, Jabsco, Marlow)</b>								
<b>ITT R&amp;CW (ITT RESIDENTIAL &amp; COMMERCIAL WATER PUMPS)</b>								
PS-3926	B	9	1.062	5/8	VCFKF	316SS		A00202C 1
PS-544V-SC-SC	C	3	2.375	1-5/8	VLFLF			76407 3625
PS-3993	C	3	2.750	2	BCFJF			76407 1200
<b>JABSCO (Div. of ITT INDUSTRIES)</b>								
PS-642	B	—	—	5/8	BMF-F		Seat is Impeller	1/2" Motor Pump
PS-382	D	1	2.125	1-1/2	BCFJF			3200 and 3200-01, 3200-21
<b>JACUZZI (Div. of STA-RITE INDUSTRIES)</b>								
PS-162	A	1	1.000	1/2	BMFJF			10-563
PS-631	C	1	1.000	1/2	BCFJF	N	Model 5AM	10-564
PS-200	A	1	1.250	5/8	BMFJF		Cygnets K, KM, Vector LVLA, J, JCM, LCM, LCU and LR Series	10-467, 10-0002-06 10-1436-00
PS-290	C	1	1.250	5/8	BCFJF			10-1202, 10-1203 7524000
PS-359	C	1	1.250	5/8	BCFJF			10-478, 10-506
PS-102	D	1	1.250	5/8	BCDKF			10-502
PS-201	A	1	1.375	3/4	BMFJF		Model 5RP, SF, Magnum, RC-Series	10-120, 10-477, 10-486 10-1390-04, 10-1502-09
PS-358	C	1	1.375	3/4	BCFJF			10-479
PS-877	C	1	1.375	3/4	BCFJF		8M	10-1203-01, 10-1203-19
PS-683	C	1	1.500	3/4	BCFJF			10-100
PS-750	D	1	1.375	3/4	BCDJF			10-503
PS-235	C	1	1.625	1	BCFJF		10M	10-504, 10-1299-06
PS-204	E	1	1.750	1-1/8	BCFJF			10-505
PS-185	C	1	1.875	1-1/4	BCFJF			10-0369-29, 10-1400-02
PS-2122	C	1	1.875	1-1/4	BCFJF			10-0369-03
PS-209	K	—	—	1-3/8	BCF-F			10-315, 10-328
PS-758	C	1	2.125	1-1/2	BCFJF			10-1348-07
PS-2142	C	1	2.500	1-3/4	BCFJF			10-0307-00
PS-205	E	1	2.500	1-3/4	BCFJF			10-330
PS-213	R	—	—	1-3/4	BCD-F			10-323
PS-874	D	1	3.125	2-1/4	BCDJF			10-365
<b>JAEGER</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-356	C	1	1.750	1-1/8	BCFJF			80237
PS-177	C	1	2.000	1-3/8	BCFJF			81031-1
PS-461	D	1	2.375	1-5/8	BCDKF			66319-1
PS-876	D	1	2.625	2	BCDKF			66435-1
<b>JANDY</b>								
PS-1000	B	1	1.250	5/8	BMFJF		P84-60	P55
PS-3890	G	1	1.381	5/8	BCFJF		PB-460Q	P84-3
PS-4280	G	1	1.381	5/8	VCFJF		FHP, JEP, MHP, PHP, SHP, SWF, WFTR	R00479400
PS-4231	G	1	1.250/1.381	5/8 3/4	BCFJF			R0445500
PS-601	B	1	1.375	3/4	BMFJF		HHP, HHPU	R0338200
<b>JOHNSON CONTROLS</b>								
PS-4026	D	3	2.500	1-3/4	NCFKF			029 22359 001
PS-6147	C	—	—	2-1/2	NCF-F			522M0007H01
PS-6151	D	—	—	2-5/8	NCP-P	I		02913450 000
PS-4028	K	3 Special	4.500	2-7/8	NCFGF			523B0201G01
<b>JOY MFG. (See SULLIVAN PALATEK)</b>								
<b>KADY INTERNATIONAL</b>								
PS-687	C	1	1.500	7/8	BCFKF			91381
PS-210	C	1	2.000	1-3/8	BCFKF			91379
PS-3541	T	3	2.000	1-3/8	VZFFZ	316SS		118563

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KENCO</b>								
PS-162	A	1	1.000	1/2	BMFJF		Type 62, 63, 64, 65	
PS-163	B	1	1.000	1/2	BMFJF			AE001A1
PS-165	B	9	.906	1/2	BMFJF	A	59A,140A	
PS-200	A	1	1.250	5/8	BMFJF		Model 139A New Style	
PS-452	B	9	—	5/8	BMFJF	A	Model 109A New Style	
PS-762	A	3	1.375	3/4	BMFKF		Model 114	6A001A1
<b>KINNEY VACUUM PUMP (Div. of TUTHILL VACUUM SYSTEMS)</b>								
PS-358	C	1	1.375	3/4	BCFJF			KC2.5-15, KC-5 KC-8(491), KS-13
PS-358V	C	3	1.375	3/4	VCFJF			65046
PS-197	K	—	—	7/8	BCF-F			SK-549
PS-357	C	1	1.625	1	BCFKF			KS-27-47
PS-159	D	3	1.625	1	NCPGP		VSM-778-8811	65024
PS-355	C	1	1.750	1-1/8	BCFKF			KC-46
PS-177V	C	3	2.000	1-3/8	VCFJF			065046-A-000
PS-659	C	1	2.125	1-1/2	BCFKF			KD-110, KDH-130
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			065241-A000
PS-366	E	1	2.500	1-3/4	BCFKF			KD-220, KDH-220
PS-462	D	1	2.750	2	BCDKF			
PS-658	R	1	2.750	2	BCDKF			KBM-1200, MB-17
<b>KLEIN PRODUCTS OF KANSAS, INC.</b>								
PS-547	C	3	2.000	1-3/8	BCFKF			33011197
<b>KRAISSL CO.</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
<b>LABCONCO CORP.</b>								
PS-6308	Q	9	1.250	.687	Special	A		4485800
<b>LANCASTER PUMP CO.</b>								
PS-150	B	—	—	1/2	BMF-F		Laundro Pak Seat is Impeller 376	4761
PS-1002	C	1	1.000	1/2	BCFJF	N	Converto, Supreme Jet, MTR Jet, Type M 901 thru 906, Type P, all models	1061
PS-200	A	1	1.250	5/8	BMFJF			2661
PS-1000	B	1	1.250	5/8	BMFJF			5236
PS-151	B	1	1.375	5/8	BMFJF		Types S & SD Lancaster Dutchman-1182, 1183, 1192, 1193	2461
PS-1005A	B	1	1.375	5/8	BMFKF			2561
PS-447	B	8	—	5/8	BCFJF	A	Model 570, 575, 1775	
PS-493	C	1	1.187	5/8	BCFKF			5256
PS-201	A	1	1.375	3/4	BMFJF		Types S & SD Lancaster Dutchman-1182, 1183, 1192, 1193	1661
PS-358	C	1	1.375	3/4	BCFJF		Self Priming Pump Model 673	1361
PS-703	D	1	1.500	7/8	BCDJF		Turbo Pak Model 523BF- 524 BG	429 7/8
PS-360	A	1	1.625	1	BCFJF		Type M-907 and M-908	7561
PS-381	D	1	1.875	1-1/4	BCFJF		Type M-909 and M-910	909-61
<b>LEAR SIEGLER (See SHERWOOD BRASS)</b>								
<b>LECOURTENAY</b>								
<b>WHEN SEAL IS MOUNTED ON A SHAFT, USE THE FOLLOWING</b>								
PS-866	E	3	1.750	1-1/8	BCFJF		Models 3BA2, 2-1/2 -BA8	
PS-546	E	3	1.875	1-1/4	BCFJF		Model 3BA7	11481
PS-864	E	3	2.000	1-3/8	BCFJF		Models 4BA7, 3BA8, 4BA6, 6B3	
PS-595	E	3	2.375	1-5/8	BCDJF		Models 5BA6, 2-1/2 M7A	11485-8
PS-2069	E	1	2.625	1-7/8	BCFJF		Models 4BA8, 5BA7	
PS-530	E	3	2.750	2	BCFJF		Model 8BA5	11393
PS-327	E	3	3.000	2-1/8	BCFJF		Model 5MB7	15168-9, 23305
PS-848	E	3	3.125	2-1/4	BCDJF		Models 6BA8, 8BA6, 10BA4/5	11479-80, 23300, 23304
PS-328	E	3	3.375	2-5/8	BCFJF		Models 6B8, 10BA6, 10BA7	15165-7, 23301
PS-329	E	3	3.750	2-7/8	BCFJF		Model 8BA8	
<b>WHEN SEAL IS MOUNTED ON A SLEEVE, USE THE FOLLOWING</b>								
PS-546	E	3	1.875	1-1/4	BCFJF		Model 3B4	

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LECOURTENAY (continued)</b>								
PS-864	E	3	2.000	1-3/8	BCFJF		Model 6B3	
PS-595	E	3	2.375	1-5/8	BCDJF		Model 4B6	
PS-530	E	3	2.750	2	BCFJF		Model 5BA6	
PS-327	E	3	3.000	2-1/8	BCFJF		Models 6BA5, 6BA6	
PS-848	E	3	3.125	2-1/4	BCDJF		Models 4BA8, 5BA7, 8B5	
PS-278	E	3	3.250	2-3/8	BCFJF		Model 8BA5	15170-1
PS-328	E	3	3.375	2-5/8	BCFJF		Models 8BA6, 6BA8, 10BA4/5	15170-7
PS-324	E	3	3.875	3	BCDJF		Models 6B8,10BA6,10BA7	11489-93
<b>NOTE: Lecourtenay seals are also available with Ni-Resist mating rings.</b>								
<b>LEHIGH</b>								
PS-752	D	1	1.375	3/4	BCDKF			D-811
PS-108	E	1	1.875	1-1/4	NCPKP			D-845
<b>LELAND FARADAY</b>								
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF		Model LFP-43000	
PS-1000	B	1	1.250	5/8	BMFJF		Models LFP-2075, 2100, 2150, 2200	
PS-800	C	1	1.156	5/8	BMFJF	H	Models LFP-333-615, 14107-14120, 34105-34320	
PS-877	C	1	1.375	3/4	BCFJF		Models LFP-533-1100, 5050, 5075, 5100	
<b>LEROY SOMER NORTH AMERICA</b>								
PS-3893	C	3 Special	1.500	7/8	VCFGF			90243401
PS-3943	C	3 Special	2.125	1-1/2	VCFGF			90348301
PS-3945	C	3 Special	1.875	1-1/4	VCFGF			90311601
PS-3584	C	3 Special	2.000	1-3/8	VCFGF			90300001
PS-3939	C	3 Special	2.375	1-5/8	VCFKF			90352401
<b>LEWIS, CHARLES S. &amp; CO. (Div. of WEIR GROUP)</b>								
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-381-NEO	D	1	1.875	1-1/4	NCFJF			1732
PS-3555	D	1	1.875	1-1/4	QLFLF			10282
PS-205	E	1	2.500	1-3/4	BCFJF			
PS-205-P66	E	1	2.500	1-3/4	BCFJF	I		21353
PS-366	E	1	2.500	1-3/4	BCFKF			10283
<b>LIBERTY PUMPS</b>								
PS-4064	Special	Special	.950	1/2	BMFJF	Unitized		50980A0
PS-4065	Special	Special	1.110	5/8	BMFJF	Unitized		5120000
PS-4066	Special	Special	1.334	3/4	BLFLF	Unitized		5633000
<b>LINK BELT</b>								
PS-357	C	1	1.625	1	BCFKF			WB-35
PS-355	C	1	1.750	1-1/8	BCFKF			WB-40
PS-461	D	1	2.375	1-5/8	BCDKF			WB-60
PS-288	D	1	2.500	1-3/4	BCDKF			WB-70
<b>LITTLE GIANT PUMP CO. (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	926030
PS-163	B	1	1.000	1/2	BMFJF			926024, 926029
PS-165	B	9	.906	1/2	BMFJF	A		108112, 926031
PS-961	B	1	1.250	5/8	BCFJF			926034
PS-1000	B	1	1.250	5/8	BMFJF		Pump 10 &12	
PS-933	C	—	—	5/8	BCF-F			926052
PS-552	C	3	1.250	5/8	BCFJF			926053
PS-356V	C	3	1.750	1-1/8	VCFJF			926042, 926043
<b>LOCKWOOD PUMP</b>								
PS-301	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF		CM Pump	
<b>LOGANSPOUT</b>								
PS-400	C	—	—	1/2	BMF-F			P-9509
PS-106	C	1	1.000	1/2	BCFKF	N		P-17251
PS-109	D	—	—	5/8	BCD-F		SF-4, SF-10	P-14883
PS-564	C	—	—	3/4	BCF-F		SF-80, 100, 125, 150	P-9518

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LOMART</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF			40-027, 40-029
PS-1000	B	1	1.250	5/8	BMFJF			
<b>LOUIS PUMP</b>								
PS-370	A	1	1.625	1	BCFKF			
<b>LOU-RICH, INC.</b>								
PS-6305	Q	2	1.625	1	BMDAF			13417
<b>LUITWEILER PUMP</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-361	E	1	1.875	1-1/4	BCFJF			
<b>LYCO WAUSAU, INC.</b>								
PS-446	C	1	2.500	1-3/4	BCFJF			1100-17
<b>McDONALD A-Y</b>								
PS-166	A	1	1.187	5/8	BMFJF			5MCD1
PS-501	A	1	1.250	5/8	BMFJF		3000, 4000 and 4100 Jet Well	5MCD4
PS-201	A	1	1.375	3/4	BMFJF			5MCD5
PS-521	D	1	1.875	1-1/8	BCFKF			5MCD2
<b>MAGNETROL (See SCHAUB ENGINEERING CO.)</b>								
<b>MAGNUM PRODUCTS, LLC.</b>								
PS-516	A	1	1.250	5/8	BCFJF			48273
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			48253
<b>MANITOWOC CO., INC.</b>								
PS-360	A	1	1.625	1	BCFJF			003705011
<b>MARLOW (Div. of ITT INDUSTRIES)</b>								
PS-151	B	1	1.375	5/8	BMFJF			42513-00
PS-2161	B	1	1.375	5/8	BMFJF		SCT Series, Stainless Steel	46328-00
PS-411	B	11	—	5/8	BMFJF	A	Model H23EC-A 1-1/2 HP, 2AF Series	23736-00, 25353-00 25353-20, 26467-00
PS-411V	B	11	—	5/8	VCFJF	A		27678-00, 29163-00 29163Z
PS-201	A	1	1.375	3/4	BMFJF		Argonaut®, Mardur®	38592-00
PS-405	A	27	1.625	1	B/VCFJF			26473-00
PS-413	C	27	1.625	1	BCFJF			20760-00, 25355-00
PS-979	C	1	1.750	1-1/4	BCFKF	B		
PS-978	C	1	1.765	1-1/4	BCFJF	B	L Series	45672-20
PS-923	C	25	2.250	1-1/4	BCFJF	B		27233-20, 27452-00
PS-416	D	—	—	1-1/4	BCF-F			27453-00
PS-416A	D	25	2.250	1-1/4	BCFJF		3B Series	27223-00, 27224-00 27225-00, 3B28EC-C2
PS-7919	C	3	2.000	1-3/8	B/VLFLF			43350-00
PS-929	C	25	2.000	1-3/8	BCFJF			25481-00
PS-404	D	25	2.000	1-3/8	BCDJF			25356-00, 26477-00 25356-20
PS-8048	XT	3	2.125	1-3/8	VCFJF	316SS		45184000000
PS-818	C	3	2.375	1-5/8	BCFJF			46983-00
PS-544V-SC-SC	C	3	2.375	1-5/8	VLFLF			43435-00
PS-7497	C	25	2.500	1-5/8	B/VCFJF			28146-00
PS-514	D	1	2.375	1-5/8	BCDJF		L Series	45673-20
PS-446	C	1	2.500	1-3/4	BCFJF			25357-00
PS-550	C	3	2.500	1-3/4	BCFJF		Model 6 EL	47182-00
PS-267	C	1	2.750	2	BCFJF			25358-00
PS-478	E	1	2.687	2	BCFKF			
PS-7963	K	3	3.000	2	BCFJF			43426000000

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING



## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MASSEY FERGUSON</b>								
PS-642	B	—	—	5/8	BMF-F			892-563M1
PS-647	B	—	—	3/4	BMF-F			1019-293M1
<b>MEGATOR CORP.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			5079V
PS-359	C	1	1.250	5/8	BCFJF			5079
PS-358	C	1	1.375	3/4	BCFJF			5479
PS-309	C	1	1.500	7/8	BCFJF			5679
PS-309V	C	3	1.500	7/8	VCFJF			5679V
PS-357V-CMS	C	1	1.750	1	VCFKF			5879V
PS-356	C	1	1.750	1-1/8	BCFJF			5879
PS-185	C	1	1.875	1-1/4	BCFJF			5779
PS-758	C	1	2.125	1-1/2	BCFJF			5979
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			5979V
<b>MEMPHIS PUMP &amp; MFG. CO., INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF			0625-6BC
PS-118	C	1	1.187	5/8	BCFJF			
PS-1091	C	1	1.187	5/8	VCFJF			
PS-508	D	1	1.250	5/8	BCDJF			
PS-201	A	1	1.375	3/4	BMFJF			
PS-1093	C	1	1.375	3/4	VCFJF			
PS-1092	C	1	1.375	3/4	VCFKF			
PS-1094	C	1	1.625	1	VCFJF			
<b>MEPCO: (Marshall Engineered Products Co.) (See DUNHAM-BUSH)</b>								
<b>METAL MASTER</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	12515
PS-680	A	1	1.187	5/8	BCFJF			19023
PS-702	A	1	1.187	5/8	BMFJF		Close Coupled Circulator	15110
PS-200	A	1	1.250	5/8	BMFJF			
PS-153	A	1	1.250	5/8	BMFKF		Swim Pool Pump	
PS-151	B	1	1.375	5/8	BMFJF		Circulator Hi Lift	
<b>MET-PRO CORP.</b>								
PS-1000V	B	3	1.250	5/8	VCFJF			6960440
PS-3962	W Special	2	1.250	5/8	TCFJF			6960444
PS-397V	C	—	—	1	VCF-F			6765570
PS-937V	E	—	—	1	VCF-F			6765583
PS-236V	E	3	1.625	1	VCFKF			6764554
T9-1000	WT	—	—	1	TCF-F	316SS		6765575
PS-9349	WT	27	2.000	1	TCFZF	316SS		
PS-2104V	E	—	—	1-3/8	VCF-F			6767102
PS-1056V	C	3	2.500	1-3/4	VCFKF			6765941
PS-1056V-SC-SEAT	C	3	2.500	1-3/4	VCFLF			6765942
PS-366V	E	3	2.500	1-3/4	VCFKF			6764540, 6765965
<b>MEYER-MOJONNIER</b>								
PS-227	D	1	1.750	1	BCFKF			750062149
<b>MIDCO MFG.</b>								
PS-600	B	1	1.187	5/8	BMFJF			
PS-601	B	1	1.375	3/4	BMFJF			
<b>MIDLAND PRODUCTS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-201	A	1	1.375	3/4	BMFJF			6070-0
PS-360	A	1	1.625	1	BCFJF		Models 5M, 7M and 18M	6007-0
PS-177	C	1	2.000	1-3/8	BCFJF		Models 40M and 40W	
PS-805	C	3	2.000	1-3/8	BCFJF			6368-0
PS-550	C	3	2.500	1-3/4	BCFJF			6412-0
PS-532	C	3	2.750	2	BCFJF			6428-0

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MILE HIGH EQUIPMENT CO.</b>								
PS-6312	Q	Special	1.625	1	BMD/PA/NP			9121026-91
PS-6311	Q	Special	2.375	1-5/8	N/BMDAF			9121025-91
<b>MILRECO</b>								
PS-448	C	1	2.500	1-3/4	BCFKF			RMB-414
<b>MONARCH PUMPS (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-200	A	1	1.250	5/8	BMFJF			240160
PS-200V-CMS	A	1	1.250	5/8	VCFJF		ATH, AT600	240136
PS-851	A	1	1.375	3/4	BCFJF			240260
PS-201	A	1	1.375	3/4	BMFJF			240170, MS17
PS-201V-CMS	A	1	1.375	3/4	VCFJF		BSGF 6&8, B2U	240344, MS44
PS-460	D	1	1.625	1	BCFKF			240060
PS-185	C	1	1.875	1-1/4	BCFJF			240070
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		8BSGF	240359
PS-186	D	1	2.000	1-3/8	BCDKF			240367
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			240362
PS-3972	K	3	2.500/2.125	1-1/2	VLFLF			
PS-448	C	1	2.500	1-3/4	BCFKF			240120
PS-835	D	3	3.375	2-1/2	BCDJF			240363
PS-838	E	3	3.500	2-3/4	V/BCFJF			240290
<b>MONTGOMERY WARD</b>								
PS-358	C	1	1.375	3/4	BCFJF			24181
<b>MORETRENCH</b>								
PS-7766	K	3	3.125	2-1/4	BCFJF			
<b>MOYNO, INC.</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		
PS-1002	C	1	1.000	1/2	BCFJF	N		3204215000
PS-4214	C	1	1.000	1/2	BCFJF			3206480000
PS-1002-EPR	C	1	1.000	1/2	QCFJF	N		3206497000
PS-1002V	C	1	1.000	1/2	VCFJF	N		3206037000
PS-200	A	1	1.250	5/8	BMFJF			
PS-359	C	1	1.250	5/8	BCFJF			3202424000
PS-1119	C	1	1.250	5/8	BCFJF		EM & EC Pumps	3202423000
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			3206379000
PS-359V-CMS	C	1	1.250	5/8	VCFJF			3206501000
PS-633V-TC-SC	C	3	1.250	5/8	VZFLF			
PS-851	A	1	1.375	3/4	BCFJF		8-65C	3201625000
PS-358	C	1	1.375	3/4	BCFJF			3203945000
PS-360	A	1	1.625	1	BCFJF		EC-67	
PS-548	C	3	1.625	1	BCFJF			3201750000
PS-380	D	1	1.625	1	BCFJF			
PS-262	E	3	2.500	1-3/4	BCFKF			
<b>MP PUMPS, INC.</b>								
PS-4055	A	1	1.000	5/16	BCFJF			33976
PS-114	A	1	1.000	5/16	BMDJF			
PS-162	A	1	1.000	1/2	BMFJF			21609
PS-165	B	9	.906	1/2	BMFJF	A		
PS-113	B	1	1.093	5/8	BMFJF			13385
PS-447V	B	8	—	5/8	VCFJF	A	Model 2430	21580
PS-358	C	1	1.375	3/4	BCFJF			15151
PS-112	C	1	1.375	3/4	BCFKF			15112
PS-128V	C	3	1.375	3/4	VCFJF	B	15110, 15150, 15131, 15200, 15241	26640
PS-3788	G	3	1.375	3/4	VCFJF			30061

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MP PUMPS, INC. (continued)</b>								
PS-9339	W	2	1.375	3/4	TCFJF	316SS		30054
PS-703	D	1	1.500	7/8	BCDJF			9524
PS-245V-CMS	C	1	1.625	1	VCFJF	B/H		22272 - Old Style
PS-248V-CMS	C	1	1.625	1	VCFKF	B/H		22274
PS-380	D	1	1.625	1	BCFJF			14233
PS-4195	G	1	1.625	1	VCFJF	316SS		22272 - New Style
PS-604	D	1	1.750	1-1/8	BCFJF			
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		14421, 14424
PS-347V-CMS	C	1	2.125	1-1/2	VCFJF	B/H		22361
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-3992	G	1	2.125	1-1/2	VCFJF			31374
PS-7587	W	2	2.125	1-1/2	TCFJF	316SS		26565
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			26685
PS-7959	D	3	2.500	1-3/4	VRFZF			26752
<b>MTH TOOL CO., INC.</b>								
PS-933-P66	C	—	—	5/8	BCF-F	I		12-2739-01-457
PS-208V-P66	C	—	—	7/8	VCF-F	I		12-1068-01-494
<b>MURPHY DIESEL</b>								
PS-358	C	1	1.375	3/4	BCFJF			MD-4090
PS-1095	C	—	—	1	BCF-F			MD-7980B1
<b>MUSKIN</b>								
PS-163	B	1	1.000	1/2	BMFJF			09-2001
PS-142	B	1	1.000	1/2	BMFJF			09-2013
<b>MYERS, F.E. (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1621	Q	9	—	1/2	BMFJF	A		21607A001
PS-162	A	1	1.000	1/2	BMFJF			21607A015
PS-200	A	1	1.250	5/8	BMFJF		10840A1, A2, A3	14525A000, 1425A010 16275A
PS-200V-CMS	A	1	1.250	5/8	VCFJF			21181A044
PS-3845	B	8	1.299	5/8	BMFJF			25053A000
PS-359	C	1	1.250	5/8	BCFJF			22447A
PS-359V-CMS	C	1	1.250	5/8	VCFJF			21181A021
PS-508	D	1	1.250	5/8	BCDJF			10840A1
PS-968	A	1	1.437	3/4	BCFJF			11416A000
PS-101	A	1	1.437	3/4	BMFJF		Models H, HN, K, MHN	11416A, A2, A3
PS-902	B	9	—	3/4	BMFKF	A		21579A
PS-1125	C	1	1.375	3/4	BCFJF			25370A000
PS-7277	C	1	1.437	3/4	BCFJF			21181A17
PS-7514	C	1	1.437	3/4	BCFJF			
PS-309	C	1	1.500	7/8	BCFJF			21576A000
PS-3907	C	1	1.500	7/8	BCFJF			21576A010
PS-3749	C	1	1.500	7/8	BCFJF			21576A011
PS-7130	C	1	1.500	7/8	BCFJF			WG-20-21-15
PS-703	D	1	1.500	7/8	BCDJF		Model 125 Centri-Thrift	11716A1
PS-983V	C	3	1.750	1-1/8	VCFKF			21181A6
PS-204	E	1	1.750	1-1/8	BCFJF			8824A1
PS-185	C	1	1.875	1-1/4	BCFJF			22577A000
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			21181A062
PS-2208	C	1	1.875	1-1/4	BZFZF			21181A019
PS-381	D	1	1.875	1-1/4	BCFJF		Model 2695	21181A016, 15218A
PS-758	C	1	2.125	1-1/2	BCFJF			22922A000
PS-2209	C	1	2.125	1-1/2	BZFZF			21181A013

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MYERS, F.E. (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			21181A002
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			21181A064
PS-238	C	1	2.375	1-5/8	BCFJF			21181A032
PS-2212	C	1	2.500	1-3/4	BCFJF			22883A000
PS-446	C	1	2.500	1-3/4	BCFJF			11049-001-1
PS-237	D	1	2.500	1-3/4	BCDJF		300 FS-VG4D	
PS-7138	C	1	3.125	2-1/4	BCFJF			23605A000
PS-7138-TC-TC	C	1	3.125	2-1/4	BZFZF			21181A020
PS-1088	C	3	3.875	3	BCFJF	B		25449A000
<b>NASH_ELMO (Div. of GARDNER DENVER NASH)</b>								
PS-100	A	1	1.187	5/8	BMFJF		HTG Pump	
PS-100V-CMS	A	1	1.187	5/8	VCFJF			PK-0389
PS-452	B	9	—	5/8	BMFJF	A	S1-1/4C	
PS-600	B	1	1.187	5/8	BMFJF			PK-0339
PS-600V-CMS	B	1	1.187	5/8	VCFJF			PK-0654
PS-764	A	1	1.375	3/4	BCFJF			PK-0482
PS-204	E	1	1.750	1-1/8	BCFJF			PK-0295
PS-866	E	3	1.750	1-1/8	BCFJF			PK-0754
PS-282	U	3	1.750	1-1/8	BCFKF			PK-0334
PS-177	C	1	2.000	1-3/8	BCFJF		MH-50, MH-80	PK-0874
PS-177V	C	3	2.000	1-3/8	VCFJF			PK-2044
PS-354	E	1	2.000	1-3/8	BCFJF		AL 621	PK-0475
PS-864	E	3	2.000	1-3/8	BCFJF			PK-0873
PS-758	C	1	2.125	1-1/2	BCFJF			PK-0791
PS-2223	C	3	2.125	1-1/2	VCFZF			PK-0959
PS-382	D	1	2.125	1-1/2	BCFJF		MPS-673	PK-0624
PS-817	D	3	2.125	1-1/2	BCFJF			PK-0302, PK-0306
PS-305	E	1	2.125	1-1/2	BCFJF		MP-40	PK-0678
PS-884	K	1	2.125	1-1/2	BCFKF		MPS-40	
PS-238V	C	3	2.375	1-5/8	VCFJF			PK-3437
PS-550	C	3	2.500	1-3/4	BCFJF		AT-94	PK-0900
PS-446V-P66	C	3	2.500	1-3/4	VCFJF	I		PK-1531
PS-340	C	1	2.625	1-7/8	BCFJF			PK-0893
PS-4436	C	1	3.000	2-1/8	VCFJF			PK-3438
PS-9122	W	2	3.000	2-1/8	TCFJF	316SS		PK-2510
PS-874	D	1	3.125	2-1/4	BCDJF		1-1/2 H-6	PK-0341
PS-2089	D	3	3.125	2-1/4	BCFJF			PK-0479
PS-268V	C	3	3.250	2-3/8	VCFJF			PK-3439
PS-269V	C	3	3.375	2-1/2	VCFJF			PK-1772
PS-838	E	3	3.500	2-3/4	V/BCFJF			PK-0523
PS-9314	W	2	3.500	2-3/4	TCFJF	316SS		PK-3368
PS-2116	C	3	3.875	3	BCFJF		AD-303	PK-0937
PS-9140	W	2	3.875	3	TCFJF	316SS		PK-2522
PS-9351	W	2	4.875	4	TCFJF	316SS		PK-2549
<b>NEPTUNE</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
<b>OBERDORFER PUMPS</b>								
PS-671	B	1	.875	3/8	BMFJF		IGCC Pump	32373
PS-671V-CMS	B	1	.875	3/8	VCFJF			
PS-1098	B	1	.875	1/2	BMFJF		Model 142	32482
PS-3003	G	3	1.000	1/2	BCFJF			32592
PS-642	B	—	—	5/8	BMF-F		4GP, 9GP, RA-TV, RB-TB	A-5377, A-6019
PS-600	B	1	1.187	5/8	BMFJF		4GP, 9GP, RA-TV, RB-TB	
PS-933V	C	—	—	5/8	VCF-F			9798A

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>OBERDORFER PUMPS (continued)</b>								
PS-359	C	1	1.250	5/8	BCFJF			A-5935
PS-4346	C	3	1.187	5/8	VCFJF	316SS		33109
PS-235	C	1	1.625	1	BCFJF			32315
PS-235V-CMS	C	1	1.625	1	VCFJF			32372
<b>OHLER PUMP</b>								
PS-141	R	—	—	1	BCF-F			
PS-235	C	1	1.625	1	BCFJF			
PS-357	C	1	1.625	1	BCFKF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-186	D	1	2.000	1-3/8	BCDKF			
PS-209	K	—	—	1-3/8	BCF-F			
<b>PACER PUMPS</b>								
PS-601	B	1	1.375	3/4	BMFJF			714-11
PS-601V	B	3	1.375	3/4	VCFJF			714-14
<b>PAC-FAB (PENTAIR POOL PRODUCTS, INC.)</b>								
PS-952	A	1	1.250	5/8	BCFJF		AV-7 Pump	23822
PS-200	A	1	1.250	5/8	BMFJF		Challenger®, Dynamite, Dynamo®, Dynatron®, Pinnacle®	354545
PS-201	A	1	1.375	3/4	BMFJF		Hydropump®	354001
<b>PACIFIC PUMPING CO. (PACO) (For Replacement Seal Kits - See Pages 145-146)</b>								
PS-516	A	1	1.250	5/8	BCFJF			14010242
PS-200	A	1	1.250	5/8	BMFJF			SL-7101, SL-7741 K102-1, 91909744
PS-628	A	3	1.250	5/8	BMFKF			K100-7, K102-7 14008630, 91909687 91909747
PS-1618	C	1	1.250	5/8	BCFJF	B		14032695
PS-2149	C	3	1.250	5/8	BCFKF	B		14032688
PS-508	D	1	1.250	5/8	BCDJF			SL-7100
PS-973	A	1	1.375	3/4	BCFKF			K101-7, 91909722
PS-201	A	1	1.375	3/4	BMFJF			K101-1, 91909719
PS-768	C	3	1.375	3/4	BCFKF			14032689
PS-112V	C	3	1.375	3/4	VCFKF			14032363
PS-750	D	1	1.375	3/4	BCDJF		Model 1-1/2LRV, 1-1/4JS	
PS-752	D	1	1.375	3/4	BCDKF			SL-7104
PS-703	D	1	1.500	7/8	BCDJF			SL-7098
PS-235	C	1	1.625	1	BCFJF			SL-7735
PS-380	D	1	1.625	1	BCFJF			SL-7087
PS-460	D	1	1.625	1	BCFKF			SL-7106
PS-754	E	1	1.625	1	BCFJF			14007521
PS-204	E	1	1.750	1-1/8	BCFJF			SL-7770
PS-2122	C	1	1.875	1-1/4	BCFJF			K105-1, K107-1 14032698, 91909832 91909909
PS-185	C	1	1.875	1-1/4	BCFJF			14033710
PS-756	C	1	1.875	1-1/4	BCFKF			SL-7094
PS-1109	C	3	1.875	1-1/4	BCFKF			K105-7, 14032691 91909838
PS-756V	C	3	1.875	1-1/4	VCFKF			K107-6, 91909912
PS-1109V	C	3	1.875	1-1/4	VCFKF			K105-6, 14032365 91909837
PS-154	C	—	—	1-1/4	BCF-F			14032143
PS-361	E	1	1.875	1-1/4	BCFJF		Model 2CLSU-3ALR	14007099
PS-361-P66	E	1	1.875	1-1/4	BCFJF	I		14007083
PS-137	E	1	1.875	1-1/4	BCFKF			SL-8102
PS-264-P66	E	3	1.875	1-1/4	BCFKF	I		14008102
PS-137V-P66	E	3	1.875	1-1/4	VCFKF	I		K600-6, 91911824

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PACIFIC PUMPING CO. (PACO) (continued) (For Replacement Seal Kits - See Pages 145-146)</b>								
PS-3974	D Bal.	1	1.875	1-3/8	BCFJF			14007089
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-2106	E	—	—	1-1/2	BCF-F			14010219
PS-305	E	1	2.125	1-1/2	BCFJF			SL-8223
PS-374	E	1	2.125	1-1/2	BCFKF			
PS-2108	C	—	—	1-3/4	BCF-F			14032145, 14032355
PS-446	C	1	2.500	1-3/4	BCFJF			K104-1, 91909802
PS-2142	C	1	2.500	1-3/4	BCFJF			14032700
PS-2150	C	3	2.500	1-3/4	BCFJF			K106-1, K108-1 91909874, 91909944
PS-2151	C	3	2.500	1-3/4	BCFKF			K303-7, 14032693
PS-2151V	C	3	2.500	1-3/4	VCFKF			K106-6, K108-6 91909878, 91909947
PS-2151V-TC-SEAT	C	3	2.500	1-3/4	VCFZF			14032384
PS-205	E	1	2.500	1-3/4	BCFJF		Model 3CLSU	SL-7090, 14007090
PS-366	E	1	2.500	1-3/4	BCFKF			SL-8398
PS-262	E	3	2.500	1-3/4	BCFKF		KP3014-516	K307-71, 14008148 14008650, 14009965 29-5015-47001
PS-449	K	1	2.500	1-3/4	BCFJF			14033023
FA-1875	C	—	—	1-7/8	BCF-F			14033944
FA-513V	E	—	—	1-7/8	VCF-F			14034032
PS-2111	C	—	—	2	BCF-F			14032146
PS-479	E	1	2.750	2	BCFJF			K602-1, 91911836
PS-843	E	1	2.750	2	BCFKF			K602-7, 91911839
PS-530	E	3	2.750	2	BCFJF			K602-6, 91911838
PS-477	E	3	2.750	2	BCFKF			
PS-3537	C	1	3.125	2-1/4	BCFJF			14032701
PS-323	E	1	3.125	2-1/4	BCDJF			14001709, 14007709
PS-351	E	1	3.125	2-1/4	BCDKF			K308-71, 14017123 29-60122-47001
PS-1688	E	3	3.125	2-1/4	BCFJF			K111-1, 91910192
PS-2094V	E	3	3.125	2-1/4	VCFKF			K111-6, 91910195
<b>PAUL MUELLER CO.</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		9841604
PS-356	C	1	1.750	1-1/8	BCFJF			9840339
<b>PEABODY-BARNES MFG.</b>								
PS-163	B	1	1.000	1/2	BMFJF			18189
PS-165	B	9	.906	1/2	BMFJF	A		29726
PS-200	A	1	1.250	5/8	BMFJF		For Comet, Rocket Econo, 25,31,33, 35,48,49,50,52,102DM and 740DM	11397-12839, 12703
PS-359	C	1	1.250	5/8	BCFJF			18873A
PS-552	C	3	1.250	5/8	BCFJF			23701
PS-508	D	1	1.250	5/8	BCDJF			5080
PS-201	A	1	1.375	3/4	BMFJF		Vertical Single and Multi Stage 152,152DM, 202D, 202DM, 302D 302DM and 502DM	13110, 14017122
PS-358	C	1	1.375	3/4	BCFJF			15344, 67562
PS-235	C	1	1.625	1	BCFJF			18004-30090
PS-236	E	1	1.625	1	BCFKF			8022
PS-879	K	1	1.625	1	BCFJF			64434
PS-185	C	1	1.875	1-1/4	BCFJF		Models: 18ACG, 18, 19, 23 & 26 CCG	70713
PS-598	C	3	1.875	1-1/4	BCFKF		3TACG Int 1020	33289
PS-383	D	1	1.875	1-1/4	BCFKF			12074
PS-1118	K	1	1.875	1-1/4	BH/CFJF			39485
PS-7323	K	1	1.875	1-1/4	BZ/CFZ/JF			60817
PS-228	K	3	1.875	1-1/4	BCFKF		Model 3TCCG	25328A
PS-177	C	1	2.000	1-3/8	BCFJF			52601
PS-547	C	3	2.000	1-3/8	BCFKF			39463
PS-758	C	1	2.125	1-1/2	BCFJF			24998
PS-553	C	3	2.125	1-1/2	BCFKF			31000
PS-237	D	1	2.500	1-3/4	BCDJF			13301

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEABODY-BARNES MFG. (continued)</b>								
PS-2237	K	1	2.625	1-7/8	BCFJF			51938
PS-332	C	3	2.750	2	BCFKF			53626
<b>PEERLESS (For Replacement Seal Kits - See Page 147)</b>								
PS-162	A	1	1.000	1/2	BMFJF			2665554
PS-100	A	1	1.187	5/8	BMFJF			2665171
PS-200	A	1	1.250	5/8	BMFJF			2658090
PS-300	A	1	1.250	5/8	BMFJF		Convertible & Single Stage Jet Water King	2655294-V12271 1181377-2665624
PS-637	A	3	1.250	5/8	BMFJF			2692269 000
PS-263	D	1	1.187	5/8	BCDKF			2675336
PS-508	D	1	1.250	5/8	BCDJF			2666910
PS-301	A	1	1.375	3/4	BMFJF		Single Stage Jet: J2G, J3G 1J, 2J, 3J, 15J, 75J, 1GJ	2655293, 26650131
PS-750	D	1	1.375	3/4	BCDJF			2655888, 2663071
PS-265	D	3	1.375	3/4	BCDKF			2675337
PS-303	D	1	1.500	7/8	BCDKF			2655239, 2664873
PS-250	D	3	1.500	7/8	BCDKF			2675339, 269042101
PS-188	E	1	1.500	7/8	BCFJF			2657110, 2663072
PS-229	E	3	1.500	7/8	BCFKF			2675338
PS-778	A	3	1.625	1	BCFKF			2692914
PS-380	D	1	1.625	1	BCFJF		PE-200, PE-300, PE-500 Fluidyne	2613940, 2663369
PS-252	D	3	1.625	1	BCFKF			2664873, 269042102
PS-252-EPR	D	3	1.625	1	QCFKF			2675341 000
PS-754	E	1	1.625	1	BCFJF			2655887
PS-251	E	3	1.625	1	BCFKF			2656324, 2675340
PS-801	C	3	1.750	1-1/8	BCFJF			269987501000
PS-529	C	3	1.750	1-1/8	BCFKF			269794701000
PS-604	D	1	1.750	1-1/8	BCFJF			2658071
PS-605	D	1	1.750	1-1/8	BCFKF		TVB-58, Turbine Vane Pump	2655131
PS-254	D	3	1.750	1-1/8	BCFKF			2655131, 2675344
PS-204	E	1	1.750	1-1/8	BCFJF			2663077
PS-253	E	3	1.750	1-1/8	BCFKF		Model 300-90	2664886, 2675317, 2675343
PS-306	E	1	1.875	1-3/16	BCDJF			2655886
PS-255	E	3	1.875	1-3/16	BCDKF			2675345, 269042103
PS-1109-CER	C	3	1.875	1-1/4	BCFJF			269986601 000
PS-1109	C	3	1.875	1-1/4	BCFKF			2687165 000
PS-1109-EPR	C	3	1.875	1-1/4	QCFKF			2687626 000, 2687926 000
PS-2122V	C	3	1.875	1-1/4	VCFJF			269986602 000
PS-1109V	C	3	1.875	1-1/4	VCFKF			268716501
PS-361	E	1	1.875	1-1/4	BCFJF		PB-3, 3 x 4 x 10	2657093, 2663048
PS-256	E	3	1.875	1-1/4	BCFKF			2664893, 2675347
PS-264	E	3	1.875	1-1/4	BCFKF			2675318, 2687266
PS-547	C	3	2.000	1-3/8	BCFKF			269794702
PS-354	E	1	2.000	1-3/8	BCFJF			2655089, 2663075
PS-677	E	1	2.000	1-3/8	BCFKF			2663368, 2675349
PS-257	E	3	2.000	1-3/8	BCFKF			2675350
PS-1110	C	3	2.125	1-1/2	BCFKF		F2-1044AM, 1230AM, 1240AM, 3AE14	2687166 000
PS-2221	C	3	2.125	1-1/2	QCFKF			2691073
PS-1110V	C	3	2.125	1-1/2	VCFKF			2687166 007
PS-2223-SC-SEAT	C	3	2.125	1-1/2	VCFLF			
PS-382	D	1	2.125	1-1/2	BCFJF			2656981, 2675353
PS-2106-P66	E	—	—	1-1/2	BCF-F	I		2689751 000
PS-305	E	1	2.125	1-1/2	BCFJF			2663008, 2675108
PS-258	E	3	2.125	1-1/2	BCFKF			2691073, 2675351
PS-259	E	3	2.125	1-1/2	BCFKF			2675352
PS-550	C	3	2.500	1-3/4	BCFJF			269359803 000
PS-436	C	3	2.500	1-3/4	BCFKF		AD IV-V	2693598 000
PS-436-EPR	C	3	2.500	1-3/4	QCFKF			2675319 000

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEERLESS (continued) (For Replacement Seal Kits - See Page 147)</b>								
PS-825	D	3	2.500	1-3/4	BCDKF		PE-Pumps	2675356
PS-2109	E	—	—	1-3/4	BCF-F			2689752 000
PS-205	E	1	2.500	1-3/4	BCFJF			2663044
PS-262	E	3	2.500	1-3/4	BCFKF			2675355
PS-535	E	3	2.500	1-3/4	BCFJF		MTP Frame	
PS-262-EPR-P66	E	3	2.500	1-3/4	QCFCF	I		2675354 000
PS-2114	C	3	2.625	1-7/8	BCFJF			269987701000
PS-312	C	3	2.625	1-7/8	BCFKF			269794703
PS-2072	E	3	2.625	1-7/8	BCFKF		Type AD Fig. 5130	2676205
PS-332	C	3	2.750	2	BCFKF		Type AD Group IV, 8AE-12	2693599000, 504293
PS-477-EPR	E	3	2.750	2	QCFCF			
PS-353	E	1	3.000	2-1/8	BCFKF		Model 6A-16	
PS-327	E	3	3.000	2-1/8	BCFJF		Model 6A-16	
PS-1676	C	3	3.125	2-1/4	BCFKF			2692217000
PS-492	C	3	3.250	2-3/8	BCFKF			2693666000
PS-483	C	3	3.500	2-3/4	BCFKF			2693601000
PS-475	E	3	3.875	3	BCDKF		6" 6TU16	
<b>PELLERIN MILNOR CORP.</b>								
PS-750	D	1	1.375	3/4	BCDJF			24S020
<b>PENBERTHY INJECTOR</b>								
PS-162	A	1	1.000	1/2	BMFJF			D-1104
PS-165	B	9	.906	1/2	BMFJF	A		
PS-1112	Q	9	—	1/2	BMFJF	A		14036
<b>PENTAIR, INC. (See AURORA, BERKELEY, FAIRBANKS MORSE, HYDROMATIC, HYPRO, MYERS, F.E., STA-RITE)</b>								
PS-359	C	1	1.250	5/8	BCFJF			01556-000-1
PS-633-TC-TC	C	1	1.250	5/8	BZFZF			21181A024
PS-2216V-CMS	C	1	1.625	1	VZFZF			00300-002-1
PS-185	C	1	1.875	1-1/4	BCFJF			22577A000
PS-2208	C	1	1.875	1-1/4	BZFZF			21181A019
PS-758-SC-TC-CMS	C	1	2.125	1-1/2	BLFZF			00920-011-1
PS-2209	C	1	2.125	1-1/2	BZFZF			00920-004-1
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		00920-005-1, 00920-007-1
PS-1088-TC-CMS	C	1	3.875	3	BZFZF	B		25449A001
PS-1088V-TC-TC-CMS	C	1	3.875	3	VZFZF	B		37180021
<b>PENTAIR POOL PRODUCTS</b>								
PS-961	B	1	1.250	5/8	BCFJF			071734S, 071734-SP
PS-4352	C	3	3.875	3	BLFZF	B	60 MPH & 60 MMPH	037180041
<b>PERFECTING (Div. of DUFF-NORTON)</b>								
PS-359	C	1	1.250	5/8	BCFJF			732015
PS-356	C	1	1.750	1-1/8	BCFJF			732049
PS-177	C	1	2.000	1-3/8	BCFJF			732057
<b>PESCO</b>								
PS-507	A	1	1.250	5/8	BMFKF			
<b>PFAUDLER, INC.</b>								
PS-359	C	1	1.250	5/8	BCFJF			1621350
PS-3893	C	3 Special	1.500	7/8	VCFGF			3515444
PS-356	C	1	1.750	1-1/8	BCFJF			1621492
PS-3943	C	3 Special	2.125	1-1/2	VCFGF			3512911
PS-3584	C	3 Special	2.000	1-3/8	VCFGF			3512910
<b>PHILLIPS GASKET (See CATERPILLAR)</b>								
<b>PIONEER (See DETROIT HARVESTER HOWELL)</b>								

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 I. ABRASION RESISTANT CARBON (P66)



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PIQUA MACHINE (See ENPO-CORNELL PUMP CO.)</b>								
<b>POWER PRODUCTS (See TECUMSEH PRODUCTS CO.)</b>								
<b>PRECISION SCIENTIFIC</b>								
PS-1043	C	1	1.000	1/2	BMFJF			342005
PS-732	C	3	1.250	5/8	BCFKF			342003
PS-1113	C	1	1.375	3/4	BCFKF			342027
PS-499	C	3	1.625	1	BCFKF			342012
<b>PREMIER</b>								
PS-201	A	1	1.375	3/4	BMFJF		Series 120T, MKII 225/255, 300, 325/355, 725/756	31-812
PS-1000	B	1	1.250	5/8	BMFJF		Series 220/225 ( Pre 1988 ), 455/456, 500, 600	31-813
<b>PRICE PUMP CO.</b>								
PS-1002V	C	1	1.000	1/2	VCFJF	N	Model S95M	
PS-516	A	1	1.250	5/8	BCFJF			0118
PS-447	B	8	—	5/8	BCFJF	A	Model SE100, E100B, PRYCO-50, 75, 95	0538
PS-447V	B	8	—	5/8	VCFJF	A		0539
PS-359	C	1	1.250	5/8	BCFJF			0841
PS-359V	C	3	1.250	5/8	VCFJF		Model "S" Motor Pumps	0553
PS-4155	G	1	1.250	5/8	VFLFL			0541
PS-3885	K	1	1.178	5/8	VCFJF			0985
PS-9155	W	2	1.250	5/8	TLFLF	316SS	Model LT-25	
PS-201	A	1	1.375	3/4	BMFJF		Model SP-15	
PS-601	B	1	1.375	3/4	BMFJF		PRYCO-100, 125, 150	
PS-358	C	1	1.375	3/4	BCFJF			1112
PS-358V-CMS	C	1	1.375	3/4	VCFJF			0549
PS-1094	C	1	1.625	1	VCFJF			8304-211
PS-758	C	1	2.125	1-1/2	BCFJF		Models E150, E200	
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		0122
PS-7587	W	2	2.125	1-1/2	TCFJF	316SS		0123
PS-446-EPR	C	1	2.500	1-3/4	QCFJF			3724
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			3516
<b>PROCON PRODUCTS</b>								
PS-4060	G	1	1.181	7/16	BCFJF			1034-A7
PS-4061	G	1	1.181	7/16	QCFJF		For Home Water Systems	1034-A4W
PS-4062	G	1	1.181	7/16	QCFJF			1034-A4
PS-4063	G	1	1.181	7/16	VCFJF			1034-A2
<b>PROSSER® (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		558312-2, 558312-21
PS-359	C	1	1.250	5/8	BCFJF		5 HP	2-31001
PS-687	C	1	1.500	7/8	BCFKF		15 HP Mod # 9-16034-1	2-31006
PS-756	C	1	1.875	1-1/4	BCFKF		25 and 40 HP Mod # 9-26032-3	
<b>PULSAFEEDER (Div. of IDEX CORP.)</b>								
PS-1065	C	3	.875	3/8	BCFJF			307328
PS-1050V	C	—	—	1/2	VCF-F			Y0900121-316
PS-933V	C	—	—	5/8	VCF-F			Y0900421-316
PS-552	C	3	1.250	5/8	BCFJF		Model 2-17 Type 107	307414
<b>PUREX/HYDROTECH (See PAC-FAB)</b>								
PS-100	A	1	1.187	5/8	BMFJF		L-Series™	P28280
PS-952	A	1	1.250	5/8	BCFJF		AV-7 Pump	P23822
PS-501	A	1	1.250	5/8	BMFJF		Aquatron®	P28322/071733
PS-1000	B	1	1.250	5/8	BMFJF		Whisperflo®	P28323/071734
PS-201	A	1	1.375	3/4	BMFJF		AH Series™, L-Series™	P28300/071728
PS-360	A	1	1.625	1	BCFJF		C-Series®	P28175/071725
<b>QUINCY COMPRESSOR</b>								
PS-6090	E	3	2.500	1-3/4	B/VCFKF			22578-1
PS-2152V	C	3	3.500	2-3/4	VCFKF			22592-1
PS-6177	C	3	4.250	3-3/8	VCFKF			22593-1

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>RAINBOW IRRIGATION PUMPS</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			14821
PS-446	C	1	2.500	1-3/4	BCFJF			13470
<b>RAPID DAYTON (See TAIT)</b>								
<b>RED JACKET (VEEDER- ROOT CO.)</b>								
PS-106	C	1	1.000	1/2	BCFKF	N	Deep and Shallow Well Type A & B Multi-Stage Pumps Models 25A, 33A, 50A, 75A, 100A	540
PS-518	A	1	1.187	5/8	BCFKF			076-183
PS-100	A	1	1.187	5/8	BMFJF		SW-DW Jet Pump	C76-78A, C76-98A, C176-037
PS-701	A	1	1.187	5/8	BMFKF			C76-134
PS-711	A	3	1.187	5/8	BMFJF			076-182
PS-493	C	1	1.187	5/8	BCFKF		For Centri-Jet "R" and Centri-Jet V 25R, 33R, 50R, 75R, 100, 101,150, 151	500
PS-102	D	1	1.250	5/8	BCDKF		Deep Well & Shallow Well Type H, Models 25H, 33H, 50H, 75H, 100H	530
PS-201	A	1	1.375	3/4	BMFJF			76-129, 76-189
PS-902	B	9	—	3/4	BMFKF	A	Centri Jet X Pumps 33X and 50X "CJ", "CJM" and "SJ" Pumps	C76-99A, 555
PS-750	D	1	1.375	3/4	BCDJF		All Types HB Centrifugal Jet Pumps	560
PS-370	A	1	1.625	1	BCFKF			76-132
PS-460	D	1	1.625	1	BCFKF			545
<b>REDA PUMP</b>								
PS-508	D	1	1.250	5/8	BCDJF			17197A
PS-188	E	1	1.500	7/8	BCFJF			13131A
PS-703	D	1	1.500	7/8	BCDJF			14011A
PS-380	D	1	1.625	1	BCFJF			13977A
PS-382	D	1	2.125	1-1/2	BCFJF			15114A
<b>RELIANCE ELECTRIC (Div. of BALDOR ELECTRIC CO.)</b>								
PS-356	C	1	1.750	1-1/8	BCFJF			64262-12L
PS-185	C	1	1.875	1-1/4	BCFJF		Motor Frame 140	64262-12A
PS-2208	C	1	1.875	1-1/4	BZFZF		Motor Frame 140	64262-20A
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		Motor Frame 140	64262-13A
PS-185V-TC-TC	C	1	1.875	1-1/4	VZFZF		Motor Frame 140	64262-20AA
PS-618-TC-TC	C	3	1.875	1-1/4	BZFZF		Motor Frame 140	64262-15E
PS-381	D	1	1.875	1-1/4	BCFJF		Motor Frame 140	64262-8A
PS-381-SC-SC	D	1	1.875	1-1/4	BLFLF			64262-39A
PS-6229	K	3	1.875	1-1/4	BCFJF	316SS		64262-41D
PS-4134	X Special	Special	1.875	1-3/8	B/NCPGF			64147-24R
PS-758	C	1	2.125	1-1/2	BCFJF		Motor Frame 140 or 180	64262-12B
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF		Motor Frame 140 or 180	64262-39B
PS-2209	C	1	2.125	1-1/2	BZFZF		Motor Frame 140 or 180	64262-20B
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS	Motor Frame 140 or 180	64262-13B
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF		Motor Frame 140 or 180	64262-39BB
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF		Motor Frame 140 or 180	64262-20BB
PS-382	D	1	2.125	1-1/2	BCFJF		Motor Frame 140 or 180	64262-8B
PS-446	C	1	2.500	1-3/4	BCFJF		Motor Frame 180 or 210	64262-12C
PS-446-TC-TC	C	1	2.500	1-3/4	BZFZF		Motor Frame 180 or 210	64262-20C
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF		Motor Frame 180 or 210	64262-13C
PS-448V-SC-SC	C	1	2.500	1-3/4	VLFLF		Motor Frame 180 or 210	64262-39CC
PS-446V-TC-TC	C	1	2.500	1-3/4	VZFZF		Motor Frame 180 or 210	64262-20CC
PS-436-SC-SC	C	3	2.500	1-3/4	BLFLF		Motor Frame 180 or 210	64262-39C

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>RELIANCE ELECTRIC (continued) (Div. of BALDOR ELECTRIC CO.)</b>								
PS-436-TC-TC	C	3	2.500	1-3/4	BZFFZ		Motor Frame 140 or 180	64262-15C
PS-2207	C	3	2.500	1-3/4	VCFZF		Motor Frame 180 or 210	64262-23C
PS-237	D	1	2.500	1-3/4	BCDJF		Motor Frame 180 or 210	64262-8C
PS-6217	D	1	2.500	1-3/4	VZFLF	316SS	Motor Frame 180 or 210	64262-25CC
PS-267	C	1	2.750	2	BCFJF		Motor Frame 210 or 250	64262-12D
PS-267-SC-SC-CMS	C	1	2.750	2	BLFLF		Motor Frame 210 or 250	64262-39D
PS-2219	C	1	2.750	2	BZFFZ		Motor Frame 210 or 250	64262-20D
PS-267V-CMS	C	1	2.750	2	VCFJF		Motor Frame 210 or 250	64262-13D
PS-6224	C	1	2.750	2	VLFLF		Motor Frame 210 or 250	64262-39DD
PS-6218	C	1	2.750	2	VZFFZ		Motor Frame 210 or 250	64262-25DD
PS-6213	C	1	2.750	2	VZFFZ	316SS	Motor Frame 210 or 250	64262-20DD
PS-267V-TC-SEAT	C	3	2.750	2	VCFZF		Motor Frame 210 or 250	64262-23D
PS-7196	K	3	2.750	2	BCFJF			64262-41E
PS-1057	C	3	3.000	2-1/8	B/VCFKF			611725-5B
PS-1679	C	1	3.125	2-1/4	BCFJF		Motor Frame 250	64262-12E
PS-1680-SC-SC	C	1	3.125	2-1/4	BLFLF		Motor Frame 250	64262-39E
PS-7064	C	1	3.125	2-1/4	BZFFZ		Motor Frame 250	64262-20E
PS-1678V	C	3	3.125	2-1/4	VCFJF		Motor Frame 250	64262-13E
PS-6233	C	3	3.125	2-1/4	VCFLF			64262-67A
PS-7766	K	3	3.125	2-1/4	BCFJF			64262-41C
PS-6205	C	1	3.500	2-3/4	BCFJF		Motor Frame 320	64262-18F
PS-2154-SC-SC-CMS	C	1	3.500	2-3/4	BLFLF		Motor Frame 320	64262-39N
PS-6220	C	1	3.500	2-3/4	BZFLF		Motor Frame 320	64262-25N
PS-6908	C	1	3.500	2-3/4	BZFFZ		Motor Frame 320	64262-20N
PS-483V-TC-SEAT	C	3	3.500	2-3/4	VCFZF			64262-23G
PS-6207	C	3	3.500	2-3/4	VCFJF		Motor Frame 320	64262-18N
PS-2154V-SC-SC	C	3	3.500	2-3/4	VLFLF		Motor Frame 320	64262-39NN
PS-2154V-TC-TC	C	3	3.500	2-3/4	VZFFZ		Motor Frame 320	64262-20NN
PS-2153-SC-SC-CMS	C	1	3.875	3	BLFLF		Motor Frame 320	64262-39M
PS-7875	C	1	3.875	3	BZFFZ		Motor Frame 360	64262-20H
PS-7998	C	1	3.875	3	BZFFZ		Motor Frame 360	64262-20M
PS-2153V-SC-SC-CMS	C	1	3.875	3	VLFLF		Motor Frame 320	64262-39MM
PS-3539	C	1	3.875	3	VZFFZ		Motor Frame 360	64262-20MM
PS-6214	C	1	3.875	3	VZFFZ		Motor Frame 320	64262-20HH
PS-2116	C	3	3.875	3	BCFJF		Motor Frame 360	64262-12G
PS-2153	C	3	3.875	3	BCFJF		Motor Frame 320	64262-18G
PS-6206V	C	3	3.875	3	VCFJF		Motor Frame 320	64262-18L
PS-6225	C	3	3.875	3	VLFLF		Motor Frame 360	64262-39HH
PS-6202	D	1	3.875	3	BZFFZ		Motor Frame 360	64262-8H, 64262-62HH
PS-6219	D	3	3.875	3	BZFLF		Motor Frame 360	64262-25H
PS-6232	D	3	3.875	3	VZFLF		Motor Frame 360	64262-62AA
PS-6228	K	3	3.875	3	VCFJF			64262-41B
PS-6226	C	3	4.125	3-1/4	VLFLF		Motor Frame 360	64262-39KK
PS-7172	D	3	4.125	3-1/4	BCFJF		Motor Frame 360	64262-8J, 64262-63C
PS-3827	D	3	4.125	3-1/4	BZFFZ		Motor Frame 360	64262-8K and 20K
PS-6201	D	3	4.125	3-1/4	VCFJF		Motor Frame 360	64262-8F and 36KK
PS-6227	K	3	4.125	3-1/4	VCFJF			64262-41A
PS-6204	C	3	4.375	3-1/2	BCFJF			64262-12K
PS-6221	D	3	4.375	3-1/2	V/BZFFZ			64262-33A
PS-3745	D	3	4.375	3-1/2	VZFFZ			64262-37PP
PS-6203	D	3	4.625	3-3/4	VCFJF			64262-8M
PS-6230	D	3	6.625	5-5/8	VCFJF			64262-42D
PS-6231	D	3	6.375	5-3/8	VZFLF			64262-43F

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>REXNORD INDUSTRIES, LLC.</b>								
PS-201	A	1	1.375	3/4	BMFJF			X7718
PS-578	D	—	—	7/8	BCD-F			X203565
PS-188	E	1	1.500	7/8	BCFJF			X203224
PS-141	R	—	—	1	BCF-F			X6185
PS-154	C	—	—	1-1/4	BCF-F			X7387
PS-185	C	1	1.875	1-1/4	BCFJF			X8023
PS-137	E	1	1.875	1-1/4	BCFKF			X203691
PS-169	K	—	—	1-1/4	BCF-F			X6186
PS-172	C	—	—	1-3/8	BCF-F			X7389
PS-177	C	1	2.000	1-3/8	BCFJF			X2U59-1
PS-209	K	—	—	1-3/8	BCF-F			X6187
PS-223	D	—	—	1-7/8	BCD-F			X7235
PS-593	D	3	2.625	1-7/8	BCDKF			2U59-6
PS-196	D	—	—	2	BCD-F			X7380
<b>RICE</b>								
PS-200	A	1	1.250	5/8	BMFJF			21-024
PS-201	A	1	1.375	3/4	BMFJF			12-023
PS-750	D	1	1.375	3/4	BCDJF			0330-9-6
<b>ROBBINS &amp; MYERS (See MOYNO, INC.)</b>								
<b>ROMAR FILTER</b>								
PS-200	A	1	1.250	5/8	BMFJF			618-001
<b>ROPER PUMP CO.</b>								
PS-1050	C	—	—	1/2	BCF-F			G3-29, G14-263
PS-1050-EPR	C	—	—	1/2	QCF-F			G3-65
PS-400	C	—	—	1/2	BMF-F			G14-222-403, G14-263X
PS-1050V	C	—	—	1/2	VCF-F			G14-32
PS-933	C	—	—	5/8	BCF-F			G14-116
PS-933V	C	—	—	5/8	VCF-F			G14-13
PS-633	C	1	1.250	5/8	BCFKF			G14-225
PS-564	C	—	—	3/4	BCF-F			G14-117
PS-768	C	3	1.375	3/4	BCFKF			G14-226
PS-112V	C	3	1.375	3/4	VCFKF			G14-471
PS-752	D	1	1.375	3/4	BCDKF			G14-261, G14-266
PS-208	C	—	—	7/8	BCF-F			G14-324
PS-617	C	3	1.500	7/8	BCFKF			G14-227
PS-687V	C	3	1.500	7/8	VCFKF			G14-477
PS-703	D	1	1.500	7/8	BCDJF			
PS-935	E	1	1.500	7/8	BCFKF	316SS		
PS-397	C	—	—	1	BCF-F			G14-320
PS-397V	C	—	—	1	VCF-F			G14-51
PS-235	C	1	1.625	1	BCFJF			G14-338X
PS-499	C	3	1.625	1	BCFKF		1AM-27	G14-338
PS-499-EPR	C	3	1.625	1	QCFKF			G14-312
PS-357V	C	3	1.625	1	VCFKF			
PS-7207	C	3	1.750	1	VCFKF		Model No: P2-C1219	
PS-3619	C	3	1.750	1	VCFKF			G4-398
PS-937	E	—	—	1	BCF-F			G14-120, G14-250
PS-236	E	1	1.625	1	BCFKF			G14-343
PS-891	K	1	1.625	1	BCFKF			G4-94
PS-2155	C	3	1.750	1-1/16	BCFKF			G4-101, G14-489
PS-127	D	1	1.750	1-1/16	BCDKF			G14-288
PS-348	C	—	—	1-1/8	BCF-F			G14-278, G4-334
PS-529	C	3	1.750	1-1/8	BCFKF			G4-313
PS-355V	C	3	1.750	1-1/8	VCFKF			G4-15, G4-375
PS-154	C	—	—	1-1/4	BCF-F			G14-429
PS-154V	C	—	—	1-1/4	VCF-F			G3-10, G3-36
PS-756	C	1	1.875	1-1/4	BCFKF			
PS-598	C	3	1.875	1-1/4	BCFKF			
PS-416	D	—	—	1-1/4	BCF-F			G14-121, G14-122

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ROPER PUMP CO. (continued)</b>								
PS-172	C	—	—	1-3/8	BCF-F			G14-512
PS-172V	C	—	—	1-3/8	VCF-F			G14-510
PS-467	C	1	2.125	1-3/8	BCFKF			G14-579
PS-186	D	1	2.000	1-3/8	BCDKF			G14-248
PS-2156	C	3	2.250	1-7/16	BCFKF			G4-112
PS-2156V	C	3	2.250	1-7/16	VCFKF			G4-142
PS-2105	C	—	—	1-1/2	BCF-F			G14-430
PS-2105V	C	—	—	1-1/2	VCF-F			G3-35
PS-553	C	3	2.125	1-1/2	BCFKF			G4-267, G14-230
PS-7975	C	3 Special	2.125	1-1/2	VCFKF			G4-75, G14-475
PS-939	D	—	—	1-1/2	BCF-F			G14-123, G14-124
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-1145	C	3	2.750	2	VCFKF			G4-46
PS-543V	C	3	3.000	2-1/8	VCFKF			G4-41
PS-1676V	C	3	3.125	2-1/4	VCFKF			
PS-942	D	—	—	2-1/4	BCD-F			G14-125
PS-941	D	1	3.125	2-1/4	BCDKF			G14-223
<b>ROTH PUMP CO.</b>								
PS-1120	C	1	1.062	1/2	BCFJF		Size 00-100	F8A030VF
PS-118	C	1	1.187	5/8	BCFJF		Size 0 and 10	F8B015VF / 086VL
PS-348V	C	—	—	1-1/8	VCF-F			F8E011UF
PS-7884V	E Bal.	3	2.500	1-7/8	VCFKF			F7J2002FS
FA-10047	C	—	—	2	VCF-F			F8H056UF
<b>RUTH BERRY</b>								
PS-102	D	1	1.250	5/8	BCDKF			610
PS-201	A	1	1.375	3/4	BMFJF			601, 601A
PS-750	D	1	1.375	3/4	BCDJF			620
<b>RUTHMAN COMPANIES</b>								
PS-164	B	9	—	1/2	BMFKF	A	Model 55-4520	906
PS-165	B	9	.906	1/2	BMFJF	A		
PS-452	B	9	—	5/8	BMFJF	A		
PS-633	C	1	1.250	5/8	BCFKF			
PS-902	B	9	—	3/4	BMFKF	A		
PS-360	A	1	1.625	1	BCFJF			
PS-235	C	1	1.625	1	BCFJF			
<b>SCHAUB ENGINEERING CO.</b>								
PS-493	C	1	1.187	5/8	BCFKF			12-3113-001
PS-1123	C	1	1.625	1	BCFKF			12-3113-002
PS-598	C	3	1.875	1-1/4	BCFKF			12-3113-003
<b>SCOT PUMP (Div. of ARDOX CORP.)</b>								
PS-516	A	1	1.250	5/8	BCFJF			101.000.110C, 118.000.102 118.000.110
PS-952	A	1	1.250	5/8	BCFJF			118.000.340
PS-200	A	1	1.250	5/8	BMFJF			101.000.340
PS-501	A	1	1.250	5/8	BMFJF			118.000.340D
PS-200V-CMS	A	1	1.250	5/8	VCFJF			
PS-359V-CMS	C	1	1.250	5/8	VCFJF			101.000.103
PS-3550	C	1	1.250	5/8	VRFRF			101.000.239
PS-732-EPR	C	3	1.250	5/8	QCFKF			101.000.173
PS-633V	C	3	1.250	5/8	VCFKF			101.000.120, 101.000.316
PS-633V-P66	C	3	1.250	5/8	VCFKF	I		101.000.225X
PS-9309	W	3	1.187	5/8	QRFRF			101.000.242
PS-201	A	1	1.375	3/4	BMFJF			101.000.102
PS-201V-CMS	A	1	1.375	3/4	VCFJF		FPK, FG-FKG 3 & 5 HP	101.000.115
PS-112V	C	3	1.375	3/4	VCFKF			101.003.171
PS-360	A	1	1.625	1	BCFJF			101.000.159

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SCOT PUMP (Div. of ARDOX CORP.) (continued)</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			101.000.104 101.000.104A
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		101.000.294
PS-756-EPR	C	1	1.875	1-1/4	QCFKF			101.000.124C, 101.000.203
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		FP-FPD, FG-FKG 8 & 16	101.000.194
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			101.000.124
PS-2203	C	3	1.875	1-1/4	QCFKF	I		101.000.124A
PS-185V	C	3	1.875	1-1/4	VCFJF			
PS-756V	C	3	1.875	1-1/4	VCFKF			
PS-3872	E	1	1.875	1-1/4	QCFKF			
PS-883V-CMS	K	1	1.875	1-1/4	VCFJF			101.000.210
PS-228V-CMS	K	1	1.875	1-1/4	VCFKF			101.000.164
PS-758	C	1	2.125	1-1/2	BCFJF			101.000.168, 118.000.343 118.000.344
PS-758V	C	3	2.125	1-1/2	VCFJF		HYD 556	101.000.175
PS-659V	C	3	2.125	1-1/2	VCFKF			101.000.182
PS-446	C	1	2.500	1-3/4	BCFJF			101.000.196
PS-446-P66	C	1	2.500	1-3/4	BCFJF	I		118.000.388
PS-436V	C	3	2.500	1-3/4	VCFKF			101.000.221
PS-836-CMS	C	1	3.500	2-3/4	BCFJF			137.001.692
<b>SCOTSMAN ICE SYSTEMS</b>								
PS-380	D	1	1.625	1	BCFJF			
PS-6305	Q	2	1.625	1	BMDAF			02-1300-01
PS-4133	Q	Special	2.500	1-3/4	Special			02-0929-02
<b>SERFILCO</b>								
PS-1002	C	1	1.000	1/2	BCFJF	N		55-434
PS-358	C	1	1.375	3/4	BCFJF			55-407
PS-309	C	1	1.500	7/8	BCFJF			55-488
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			55-481
<b>SETHCO (Div. of MET-PRO CORP.)</b>								
PS-1002V	C	1	1.000	1/2	VCFJF	N		
PS-1050	C	—	—	1/2	BCF-F			760P04-320
PS-359	C	1	1.250	5/8	BCFJF			
<b>SHERWOOD BRASS</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		5789
PS-1002	C	1	1.000	1/2	BCFJF	N		10522
PS-200	A	1	1.250	5/8	BMFJF			10159
PS-447	B	8	—	5/8	BCFJF	A		12859
PS-452	B	9	—	5/8	BMFJF	A		8388
PS-508	D	1	1.250	5/8	BCDJF			10523
PS-578	D	—	—	7/8	BCD-F			8570
PS-703	D	1	1.500	7/8	BCDJF			8578
PS-188	E	1	1.500	7/8	BCFJF			9791
<b>SHETLER PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-201	A	1	1.375	3/4	BMFJF			
<b>SHIPPENSBURG (SHIPCO)</b>								
PS-356-EPR	C	1	1.750	1-1/8	QCFJF			SDPS-00155
<b>SID HARVEY INDUSTRIES, INC.</b>								
PS-1050	C	—	—	1/2	BCF-F			

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SIEMENS WATER TECHNOLOGIES</b>								
PS-4437	D	2	2.000	2-1/8	BCDKF			WTU18080
<b>SIGMUND PUMP</b>								
PS-356	C	1	1.750	1-1/8	BCFJF			
PS-355V	C	3	1.750	1-1/8	VCFKF			
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-659V	C	3	2.125	1-1/2	VCFKF			
PS-267	C	1	2.750	2	BCFJF			
<b>SIHI PUMPS AMERICAS</b>								
PS-544	C	3	2.375	1-5/8	BCFKF			501 483
PS-1057	C	3	3.000	2-1/8	B/VCFKF			501 90
PS-3606	C	3	3.000	2-1/8	VCFLF			43092920
<b>SIMFLO PUMPS, INC.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			059-0220MA
PS-7702	E Bal.	3	1.875	1-3/8	BCFJF			059-0180MA
PS-4159	E Bal.	3	2.125	1-5/8	VCFJF			059-0200MA
PS-2114	C	3	2.625	1-7/8	BCFJF			059-0270MA
PS-532	C	3	2.750	2	BCFJF			059-0280MA
PS-1678	C	3	3.125	2-1/4	BCFJF			059-0290MA
PS-269	C	3	3.375	2-1/2	BCFJF			059-0300MA
PS-7703	E Bal.	3	3.375	2-5/8	BCFJF			059-0201MA
<b>SIMMONS PUMP CORP.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Model 6	
<b>SKIDMORE PUMP</b>								
PS-663	Q	1	1.000	1/2	BMFJF			50648
PS-100	A	1	1.187	5/8	BMFJF			142-54049
PS-536	C	3	1.187	5/8	BCFJF			53497
PS-290	C	1	1.250	5/8	BCFJF			142-54099
PS-359	C	1	1.250	5/8	BCFJF			50625-1
PS-508	D	1	1.250	5/8	BCDJF		Condensate Pump	142-54052, P15, P15A
PS-309	C	1	1.500	7/8	BCFJF			142-54055, 50625-2
PS-356	C	1	1.750	1-1/8	BCFJF			142-54058, 50625-3
<b>SMITH &amp; LOVELESS, INC. (For Additional Listings - See Page 174)</b>								
PS-1104	V	25	2.140	1-3/8	BMFJF		Frame 25	
PS-1105	V	25	2.640	1-7/8	BMFJF		Frame 28	
PS-1102	V	3	3.140	2-1/8	BCFJF		Frame 32	
PS-1107-CMS	V	1	3.187	2-1/8	BCFJF			
<b>SOMAT CO.</b>								
PS-359	C	1	1.250	5/8	BCFJF			54300
PS-309	C	1	1.500	7/8	BCFJF			54302
PS-801	C	3	1.750	1-1/8	BCFJF			54310
PS-529	C	3	1.750	1-1/8	BCFKF			54311
PS-544	C	3	2.375	1-5/8	BCFKF			54325
PS-332	C	3	2.750	2	BCFKF			54326
PS-6302	Q	1	3.375	2-1/4	BMPAP			54306
<b>SPECIALTY PACKAGING</b>								
PS-1085V	C	1	1.250	5/8	VCFJF	B		00-114696
PS-539	C	1	1.625	1	BCFJF	H		00-104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			00-223422
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072
<b>SPP PUMPS</b>								
PS-359	C	1	1.250	5/8	BCFJF			
PS-633	C	1	1.250	5/8	BCFKF			
PS-355	C	1	1.750	1-1/8	BCFKF			
PS-356	C	1	1.750	1-1/8	BCFJF			

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SPP PUMPS (continued)</b>								
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-659	C	1	2.125	1-1/2	BCFKF			
PS-267	C	1	2.750	2	BCFJF			
PS-842	C	1	2.750	2	BCFKF			
<b>STA-RITE INDUSTRIES (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-4225	G	1	23MM	12MM	QCFLF			
PS-1615	B	1	1.000	3/8	BMFJF		Model 297A	U109-173
PS-162	A	1	1.000	1/2	BMFJF			U109-103
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF		LT Series	U109-68 SS, U109-321SS
PS-663	Q	1	1.000	1/2	BMFJF			U109-100
PS-100	A	1	1.187	5/8	BMFJF		AJ Series, Dura-Glas Pre 1998, Dyna-Glas and Dyna-Max, Max-E-Glass pre 1998, PLBC Series Pre 1995 PLBC Series	U9-469, U109-6 U109-6A, U109-93SS 17351-0102S
PS-200	A	1	1.250	5/8	BMFJF		Dura-Glas®, Max-E-Glas® Series PE, PEA, P2R and P2RA	17304-0100
PS-501	A	1	1.250	5/8	BMFJF			
PS-1000	B	1	1.250	5/8	BMFJF		CF/CFA Series, HP Series	U109-136SS
PS-118	C	1	1.187	5/8	BCFJF			U109-87, U9-102, U109-118
PS-493	C	1	1.187	5/8	BCFKF			U9-1
PS-1618	C	1	1.250	5/8	BCFJF	B		
PS-4267	G	1	1.187	5/8	BCFJF			U9-6
PS-4165	G	1	1.187	5/8	VLFLF	316SS		U9-437
PS-4390	G	1	1.250	5/8	VLFLF			17304-0102
PS-851	A	1	1.375	3/4	BCFJF			37400-0027S
PS-201	A	1	1.375	3/4	BMFJF		DJ/JS/JT Series Pre 01/01, Dura-Glas II Pre 1998, Dura-Jet, Dyna-Glas/Dyna-Max, Dyna-Jet, JW/JWPA Series, Max-E-Glas II Pre 1998	U9-122, U109-358SS U109-372SS 17351-0101
PS-201V-CMS	A	1	1.375	3/4	VCFJF			37400-0028S
PS-1622	B	9	—	3/4	BMFJF	A		
PS-4048	B	9	1.312	3/4	BLFLF			U9-394SS
PS-128	C	1	1.375	3/4	BCFJF	B		U9-99
PS-358	C	1	1.375	3/4	BCFJF			U109-99
PS-877	C	1	1.375	3/4	BCFJF			U109-267
PS-750	D	1	1.375	3/4	BCDJF			U9-43
PS-4265	G	1	1.375	3/4	BCFJF		DJ/JS/JT Series, Dyna-Glass/Dyna Max after 6/00 JW/JWPA Series after 1/01 Dura-Glass II and Max-E Glas II (Series P4E, P4EA, P4R, P4RA)	
PS-3868	G	1	1.375	3/4	VCFJF		Dura-Glass II and Max-E Glas II (Series P4E, P4EA, P4R, P4RA) Max-E-Pro (Series P6E & P6RA)	
PS-687	C	1	1.500	7/8	BCFKF			U9-18, 20, 22, 25, 29, 32 U109-21, U109-30
PS-774	C	3	1.500	7/8	BCFJF			U109-170
PS-235	C	1	1.625	1	BCFJF			16504
PS-380	D	1	1.625	1	BCFJF		Model-AS-H-3U9-39, U109-47	
PS-127	D	1	1.750	1-1/16	BCDKF			U109-31
PS-204	E	1	1.750	1-1/8	BCFJF			U109-96
PS-866	E	3	1.750	1-1/8	BCFJF			U109-96SS
PS-867 EPR	E	3	1.750	1-1/8	QCCKF			U9-307
PS-185	C	1	1.875	1-1/4	BCFJF		CC/C Series, D Series CC/C Series, D Series pre 8/00 CSPH/CCSPH Series	U109-200, U109-433SS S-32014
PS-246	C	1	1.875	1-1/4	BCFJF	B/H	CC/C Series, D Series	U109-220
PS-804	D	3	1.875	1-1/4	BCFJF		CC/C Series, D Series	
PS-3883	G	1	1.875	1-1/4	BCFJF			U9-433SS
PS-6265	G	1	1.875	1-1/4	VLFLF			U9-451SS
PS-758	C	1	2.125	1-1/2	BCFJF			16554
PS-446	C	1	2.500	1-3/4	BCFJF		CCPH/CCSPH Series	S-32015

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STA-RITE INDUSTRIES (continued) (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-2142	C	1	2.500	1-3/4	BCFJF			S-32692
PS-535	E	3	2.500	1-3/4	BCFJF			U109-251
PS-340	C	1	2.625	1-7/8	BCFJF			S-32694
PS-327	E	3	3.000	2-1/8	BCFJF			U109-252
<b>STEIN SAM ASSOC.</b>								
PS-397	C	—	—	1	BCF-F			401-50-0001
PS-2105	C	—	—	1-1/2	BCF-F			401-50-0006
<b>STERLING FLUID SYSTEMS</b>								
PS-200	A	1	1.250	5/8	BMFJF			1181377 000
PS-529	C	3	1.750	1-1/8	BCFKF			269794701 0000
PS-816	C	3	2.125	1-1/2	BCFJF			504290
PS-1057	C	3	3.000	2-1/8	B/VCFKF			501908
PS-483	C	3	3.500	2-3/4	BCFKF			502365
<b>STERLING, INC.</b>								
PS-3723	C	3	1.437	5/8	QCFJF	I		081.00036.00 081.00036.01
PS-3981	C	3	1.437	5/8	QCFKF	I		081.00037.00
PS-7872	C	3	1.437	5/8	VCFKF	I		081.00039.00
PS-3826	C	1	1.437	7/8	QCFJF	I		081.00034.00
PS-2224	C	3	1.437	7/8	QCFKF	I		081.00024.00 081.00024.02
PS-3678	C	3	1.437	7/8	QCFLF	I		081.00035.00
PS-4017	C	3	1.437	7/8	VCFKF	I		081.00027.00
PS-758	C	1	2.125	1-1/2	BCFJF			081.00017.00
<b>STERLING MACHINERY</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-564	C	—	—	3/4	BCF-F			
PS-358	C	1	1.375	3/4	BCFJF			1616
PS-145	K	—	—	3/4	BCF-F			
PS-175	K	1	1.375/1.500	3/4	BCFJF			
PS-303	D	1	1.500	7/8	BCDKF			J81-E
PS-1681	D	3	1.437	7/8	BCDKF			
PS-185	C	1	1.875	1-1/4	BCFJF			1636
PS-177	C	1	2.000	1-3/8	BCFJF			1706
PS-178	R	1	2.000	1-3/8	BCDJF			
PS-209	K	—	—	1-3/8	BCF-F			
PS-629	E	3	2.312	1-1/2	BCFKF			133861
PS-216	K	—	—	1-1/2	BCF-F			
PS-213	R	—	—	1-3/4	BCD-F			
PS-217	R	1	2.500	1-3/4	BCDKF			
PS-853	C	3	3.375	2-1/2	BCFKF			13498, 20125-H
<b>STERO CORP.</b>								
PS-447	B	8	—	5/8	BCFJF	A		
PS-3440	C	1	1.750	1	BCFJF			P571697
<b>STEVENS PUMP CO.</b>								
PS-200	A	1	1.250	5/8	BMFJF			16-062-03
<b>STONE BENNETT</b>								
PS-499	C	3	1.625	1	BCFKF			30016
<b>STONE CONST.</b>								
PS-851	A	1	1.375	3/4	BCFJF			32223, 322231H
PS-185	C	1	1.875	1-1/4	BCFJF			37692
PS-758	C	1	2.125	1-1/2	BCFJF			37691, 376911H
PS-446	C	1	2.500	1-3/4	BCFJF			377281H
PS-360	A	1	1.625	1	BCFJF			32224, 322241H
<b>SULLAIR CORP.</b>								
PS-6120	K	3 Special	3.000	2-1/8	VCFZF			250038-066
PS-6121	K	3 Special	3.000	2-1/8	VCFZ/KF	I		250038-068
PS-6138	C	3 Special	3.375	2-1/2	VCFKF			250038-093

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SULLAIR CORP. (continued)</b>								
PS-6141	K	3 Special	3.375	2-1/2	VCFKF			250038-080
PS-6140	K	3 Special	3.375	2-1/2	VCFZF			250038-079
PS-6173	C	3 Special	3.875	3	VCFKF			250035-751
PS-6172	C	3 Special	3.875	3	VCFKF	H		250035-750
PS-6169	K	3 Special	3.875	3	NCFKF			250035-734
PS-6171	K	3 Special	3.875	3	VCFKF			250035-736
PS-3961	K	—	—	3-3/8	VCF-F			250014-770
<b>SULLIVAN-PALATEK, INC.</b>								
PS-1053	C	3	1.875	1-1/4	B/VCFKF			519056-08
PS-6180	C	3	2.000	1-3/8	VCFGF			519056-25
PS-210V	C	3	2.000	1-3/8	VCFKF			
PS-534	D	3	2.125	1-1/2	BCFKF		RP-250, RP-365A-222599	
PS-1055	C	—	—	1-3/4	BCF-F		RPV-125	
PS-1056V	C	3	2.500	1-3/4	VCFKF			519056-6
PS-4276	C	3	3.000	2-1/8	VCFKF			519056-13
PS-853	C	3	3.375	2-1/2	BCFKF		Model 600	
PS-6174	E	3	3.875	3	VCDGP			519056-15
<b>SUPERIOR EQUIPMENT SOLUTIONS</b>								
PS-3100	Q	—	—	1	NMDKF			75-7050-020
<b>SWABY MFG. CO.</b>								
PS-359	C	1	1.250	5/8	BCFJF			
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-446	C	1	2.500	1-3/4	BCFJF			
PS-2120	C	1	3.375	2-1/2	BCFJF			
<b>SWIMQUIP</b>								
PS-201	A	1	1.375	3/4	BMFJF		XL VI/XL VII Series	37407-0009
<b>SYNCROFLO, INC.</b>								
PS-921	A	1	1.375	3/4	BMFKF			13-690-0600
PS-360	A	1	1.625	1	BCFJF			13-650-0610
PS-370	A	1	1.625	1	BCFKF			13-690-0610
PS-235	C	1	1.625	1	BCFJF			13-690-0710
PS-185	C	1	1.875	1-1/4	BCFJF			13-950-0880
PS-756	C	1	1.875	1-1/4	BCFKF			13-690-2112
PS-1109	C	3	1.875	1-1/4	BCFKF			13-690-0611
PS-361	E	1	1.875	1-1/4	BCFJF			13-650-1010
PS-137	E	1	1.875	1-1/4	BCFKF			13-690-0650
PS-3991	E Bal.	3	1.875	1-3/8	BCFKF			13-690-0612
PS-238	C	1	2.375	1-5/8	BCFJF			13-950-0886
PS-1019	C	3	2.625	1-5/8	BCFKF			13-690-2515
PS-205	E	1	2.500	1-3/4	BCFJF			13-650-3011
<b>TACO, INC. (For Replacement Seal Kits - See Page 147)</b>								
PS-8100	X Special	1	.875	1/4	QCFLF			185-026
PS-163	B	1	1.000	1/2	BMFJF			106-031
PS-3561	C	1	.938	1/2	BCFJF			180-097, 180-108
PS-3563	C	1	.938	1/2	QCFLF			180-240
PS-1002	C	1	1.000	1/2	BCFJF	N	Series 1616	121-008
PS-106	C	1	1.000	1/2	BCFKF	N		131-031
PS-3583	C	1	1.000	1/2	BCFKF			121-136
PS-3004	G	1	1.000	1/2	QCFLF			185-135
PS-3568	G	1	1.000	1/2	QLFLF			185-151
PS-200	A	1	1.250	5/8	BMFJF			172-009, 172-017
PS-200V	A	3	1.250	5/8	VCFJF			172-006
PS-1000V	B	3	1.250	5/8	VCFJF			1600-305
PS-359	C	1	1.250	5/8	BCFJF			121-009, 122-009
PS-633	C	1	1.250	5/8	BCFKF		Series 131-9, 132-9, 133-9, 138-9, 1600-9	170-102RP, 1600-170RP
PS-3525	C	3	1.250	5/8	QCFLF	I		1600-170
PS-3586	G	1	1.250	5/8	QCFLF			1600-846C
PS-358	C	1	1.375	3/4	BCFJF			180-206
PS-752	D	1	1.375	3/4	BCDKF			142-043
PS-360	A	1	1.625	1	BCFJF			170-021, 170-095

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)  
 N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TACO, INC. (continued) (For Replacement Seal Kits - See Page 147)</b>								
PS-754	E	1	1.625	1	BCFJF			900-012
PS-356	C	1	1.750	1-1/8	BCFJF			950-670RP, 951-3161BRP
PS-355	C	1	1.750	1-1/8	BCFKF			950-664RP
PS-529-EPR	C	3	1.750	1-1/8	QCFKF			950-664BRP
PS-355V	C	3	1.750	1-1/8	VCFKF			950-667RP
PS-204	E	1	1.750	1-1/8	BCFJF			900-024
PS-384	E	1	1.750	1-1/8	BCFKF			840-128
PS-867	E	3	1.750	1-1/8	BCFKF			840-128BRP
PS-264	E	3	1.875	1-1/4	BCFKF			840-011
PS-758	C	1	2.125	1-1/2	BCFJF			950-671RP
PS-758-EPR	C	1	2.125	1-1/2	QCFJF			951-3162BRP
PS-659V	C	3	2.125	1-1/2	VCFKF			950-668RP
PS-305	E	1	2.125	1-1/2	BCFJF			862-029
PS-374	E	1	2.125	1-1/2	BCFKF			862-172
PS-544	C	3	2.375	1-5/8	BCFKF			950-673RP
PS-4068	C	3	2.375	1-5/8	QCFZF	I		950-676RP
PS-340-EPR-CMS	C	1	2.625	1-7/8	QCFJF			951-2968RP
PS-267	C	1	2.750	2	BCFJF			950-672RP
PS-842	C	1	2.750	2	BCFKF			950-666RP
PS-1145	C	3	2.750	2	VCFKF			950-669RP
PS-479	E	1	2.750	2	BCFJF		Model 6012	
PS-1676	C	3	3.125	2-1/4	BCFKF			950-674RP
PS-1676-EPR	C	3	3.125	2-1/4	QCFKF	I		950-674
PS-1676V-TC-SEAT	C	3	3.125	2-1/4	VCFZF			950-677RP
PS-483	C	3	3.500	2-3/4	BCFKF			950-675RP
<b>TAIT</b>								
PS-162	A	1	1.000	1/2	BMFJF			W-6476
PS-201	A	1	1.375	3/4	BMFJF			25062
PS-921	A	1	1.375	3/4	BMFKF			24820
PS-1125	C	1	1.375	3/4	BCFJF			16519
PS-703	D	1	1.500	7/8	BCDJF			24584
PS-360	A	1	1.625	1	BCFJF			
PS-380	D	1	1.625	1	BCFJF			24963
PS-598	C	3	1.875	1-1/4	BCFKF			W-16524
PS-805	C	3	2.000	1-3/8	BCFJF			16538
PS-267	C	1	2.750	2	BCFJF			
<b>TECUMSEH PRODUCTS CO.</b>								
PS-350	E	3	3.250	2-3/8	BCFKF			K-509-9
<b>TEEL PUMP</b>								
PS-392	C	1	.938	1/2	B/QMFJF			5NC03
PS-631	C	1	1.000	1/2	BCFJF	N		5P380, 5P418
PS-1002	C	1	1.000	1/2	BCFJF	N	1P609, IP610	1R305
PS-3542	C	3	1.031	9/16	VCFKF			5P419
PS-100	A	1	1.187	5/8	BMFJF		2P141, 2P894-2P899, 3P683-684-685 3P-686-687-690-692-715-716	5P403, 5P404, 1R311
PS-516	A	1	1.250	5/8	BCFJF		1P746-851-860-896-897-952-955-996 1P998, 2P004-006-390,2P091, 2P092 3P551-3P553 3P577	5P407, 1R303
PS-200	A	1	1.250	5/8	BMFJF			5P405, 5P406, 1R312
PS-501	A	1	1.250	5/8	BMFJF			5P409, 5P410, 1R315
PS-200V	A	3	1.250	5/8	VCFJF		1P862, 2P486 opt. for 1P746-851 1P854-856-860-884-896-897-952-955 1P996-998-2P004-006-290 3P551-553 3P577	5P408, 1R300
PS-113	B	1	1.093	5/8	BMFJF		1P795	5P366, 1R302
PS-600	B	1	1.187	5/8	BMFJF			5P367
PS-1000	B	1	1.250	5/8	BMFJF		2P356, 2P360, 2P363, 2P366	5P368, 5P369 1R317, 1R318

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TEEL PUMP (continued)</b>								
PS-1152	B	1	1.250	5/8	BMFKF			1R318
PS-447	B	8	—	5/8	BCFJF	A	1P787-793-796-798-831-837, 2P498-503-852 3P736	1R306, 1P831, 5P402
PS-447V	B	8	—	5/8	VCFJF	A	Optional for 1P787-793-796-798-831-1P837 2P498-503	5P365, 1R324
PS-800	C	1	1.156	5/8	BMFJF	H	1P-849-850-879, 3P547-550- 571-599-648 1P979-984, 2P019-280, PC-18-2PC56	5P387, 5P421, 1R307
PS-359	C	1	1.250	5/8	BCFJF		1P898, 3P569A, 3P570A	1P557, 5P386, 1R310
PS-2160	C	1	1.250	5/8	BCFJF		3P511, 3P512, 3P579, 1P861	5P420, 1R298
PS-359V	C	3	1.250	5/8	VCFJF		1P555, 1P804, 3P569, 3P570	5NC07, 5P385
PS-508	D	1	1.250	5/8	BCDJF			5P382, 5P384, 1R316
PS-851	A	1	1.375	3/4	BCFJF		1P855-868-869-895, 1P913, 1P950 2P007-008, 2P333, 3P525 3P526, 3P600	5P414, 1R299
PS-201	A	1	1.375	3/4	BMFJF			5P411, 5P412, 1R313
PS-101	A	1	1.437	3/4	BMFJF			5P416, 1R319
PS-201V	A	3	1.375	3/4	VCFJF		1P946;Optional for 1P855-868-869 1P895-913-950-979-984, 2P007-008,3P525-526-600	5P413, 1R245
PS-877	C	1	1.375	3/4	BCFJF		Optional for 1P700-702-799-803-947 1P949, 2P391, 2P392, 2P393, 2P394	5P389, 1R308
PS-877V	C	1	1.375	3/4	VCFJF		1P700-702-799-803-947-949, 2P391 2P392, 2P393, 2P394	5P388, 1R309
PS-750	D	1	1.375	3/4	BCDJF			5P383
PS-188V	E	3	1.500	7/8	VCFJF			5NC27
PS-360	A	1	1.625	1	BCFJF			5NC01, 5P417
PS-235	C	1	1.625	1	BCFJF			5P390
PS-380	D	1	1.625	1	BCFJF			5P423
PS-754	E	1	1.625	1	BCFJF			5P370
PS-356	C	1	1.750	1-1/8	BCFJF		2P015, 2P141, 3P582-601-604-609, 3P653-656-663, 3P664, 3P703-704-705-706, 3P707, 3P7371R301, 3P-608, 5P391	
PS-355	C	1	1.750	1-1/8	BCFKF			5P392
PS-529	C	3	1.750	1-1/8	BCFKF			5P393
PS-204	E	1	1.750	1-1/8	BCFJF			5P373
PS-253	E	3	1.750	1-1/8	BCFKF			5P372
PS-204V	E	3	1.750	1-1/8	VCFJF			5NC29
PS-185	C	1	1.875	1-1/4	BCFJF		2P142, 3P660, 3P661, 3P662	5P394, 1R439
PS-246	C	1	1.875	1-1/4	BCFJF	B/H		5P395
PS-756	C	1	1.875	1-1/4	BCFKF			5P396
PS-361	E	1	1.875	1-1/4	BCFJF			5P374
PS-177	C	1	2.000	1-3/8	BCFJF			5P397
PS-705	E	3	2.062	1-7/16	BCFJF			5P375
PS-758	C	1	2.125	1-1/2	BCFJF			5P398
PS-609	E	1	2.312	1-5/8	BCDJF			5P377
PS-484	E	1	2.312	1-5/8	BCDKF			5P376
PS-448	C	1	2.500	1-3/4	BCFKF			5P399
PS-205	E	1	2.500	1-3/4	BCFJF			5P378
PS-1659	E	3	2.625	1-7/8	VCFJF			5NC35
PS-479V	E	3	2.750	2	VCFJF			5NC36
PS-322	K	3	3.500	2-3/4	BCFKF			5P401
<b>TERRA PRODUCTS</b>								
PS-601V	B	3	1.375	3/4	VCFJF			127135
PS-245V	C	3	1.625	1	VCFJF	B/H		17035
<b>THELCO CORP.</b>								
PS-348	C	—	—	1-1/8	BCF-F			SU1774
PS-348V	C	—	—	1-1/8	VCF-F			SU1778
T9-1125	WT	—	—	1-1/8	TCF-F	316SS		SU1766
PS-172	C	—	—	1-3/8	BCF-F			SU1775
PS-172V	C	—	—	1-3/8	VCF-F			SU1789
PS-2108	C	—	—	1-3/4	BCF-F			SU1776
PS-2108V	C	—	—	1-3/4	VCF-F			SU1780
<b>THERMO KING</b>								
PS-159	D	3	1.625	1	NCPGP			220203, 220378
PS-1128	D	3	1.875	1-1/4	NCPKF			1210A02G01

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>THERMOTRON INDUSTRIES</b>								
PS-3833	C	2	1.750	1-1/8	BCFKF			555824
PS-239	C	1	2.375	1-5/8	BCFKF			1246366
<b>THOMSEN® GROUP, LLC.</b>								
PS-9700	C	1	1.625	.970	VCFJF			9122-VL
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			9123-VL
<b>THRUSH PUMPS</b>								
PS-163	B	1	1.000	1/2	BMFJF			
PS-106	C	1	1.000	1/2	BCFKF	N	GT, GTB, GTN Series Circulators 1/3	
PS-600	B	1	1.187	5/8	BMFJF			AA-190, AA-199
PS-290	C	1	1.250	5/8	BCFJF		1-1/2TV3/4, 2TV3/4, J #s 1, 2, 3, 4	
PS-633V-CMS	C	1	1.250	5/8	VCFKF			TX-022/024
PS-208	C	—	—	7/8	BCF-F			9765-0260
PS-687	C	1	1.500	7/8	BCFKF		1-1/2ATV1, 1-1/2TV1, 2TVB1-1/2, 2VTB1, 2TV1, 2TV1-1/2, 2TV2, 3TV1, 3TV1-1/2, 3TV2, N#s 1, 2, 3, 4	
PS-687V	C	3	1.500	7/8	VCFKF			TX-026/028
PS-348	C	—	—	1-1/8	BCF-F			9765-0300
PS-355	C	1	1.750	1-1/8	BCFKF		2TV3, 2-1/2TV3, 2-1/2TV5, 3TV3, 3TV5, 5ATV3, 5ATV5, 5TV3, 5TV5, Series R #s 1, 2, 3, 4	
PS-154	C	—	—	1-1/4	BCF-F			9765-0520
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			7307-000-1
PS-756V	C	3	1.875	1-1/4	VCFKF			TX-052/054
PS-172	C	—	—	1-3/8	BCF-F			9765-0340
PS-210	C	1	2.000	1-3/8	BCFKF		2-1/2TV7-1/2, 3TV7-1/2, 3TV1, 5ATV7-1/2, 2-1/2TV10, 4TV10 5TV15, Series V #s 3, 4	
PS-210V	C	3	2.000	1-3/8	VCFKF			TX-035/036
PS-2107	C	—	—	1-5/8	BCF-F			9765-0560
PS-239V	C	3	2.375	1-5/8	VCFKF			TX-056/058
<b>TOLEDO</b>								
PS-501	A	1	1.250	5/8	BMFJF			A14067
<b>TONKAFLOW (See G.E. OSMONICS)</b>								
<b>TORO CO.</b>								
PS-200V-CMS	A	1	1.250	5/8	VCFJF			42088
PS-200V-SC-SEAT	A	3	1.250	5/8	VCFLF			99-0582
<b>TRANE, INC.</b>								
PS-192	C	3	2.125	1-1/2	NCFGF			X10063400000
<b>TRIPLEX HEATING</b>								
PS-165	B	9	.906	1/2	BMFJF	A		
PS-452	B	9	—	5/8	BMFJF	A		
PS-202	B	11	—	5/8	BMFJF	A		
<b>TRUPAR</b>								
PS-507	A	1	1.250	5/8	BMFKF			P-1190
PS-102	D	1	1.250	5/8	BCDKF			P-11048
PS-201	A	1	1.375	3/4	BMFJF			P-11201
<b>TRW (See REDA PUMP)</b>								
<b>TUTHILL PUMP CO.</b>								
PS-633	C	1	1.250	5/8	BCFKF			2C1B9
PS-768	C	3	1.375	3/4	BCFKF			3C1B9
PS-499	C	3	1.625	1	BCFKF			5C1B9
PS-4189	E	3	2.250	1-7/16	BCPKF			CC0919-1A

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TUTHILL VACUUM SYSTEMS</b>								
PS-358V-CMS	C	1	1.375	3/4	VCFJF			065046 A000
PS-768	C	3	1.375	3/4	BCFKF			065238 A000
PS-252	D	3	1.625	1	BCFKF			065024 A00
PS-529-EPR-P66	C	3	1.750	1-1/8	QCFKF	I		065277 00EP
PS-355V	C	3	1.750	1-1/8	VCFKF			065049 A000
PS-154V	C	—	—	1-1/4	VCF-F			065220 0000
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			065239 A001
PS-4123	D	3	2.000	1-3/8	VCFKF			005019-2-B
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			065240 A000
PS-534	D	3	2.125	1-1/2	BCFKF			
PS-4408	D	3	2.125	1-1/2	B/VCPKP			065018 A000
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			065241 A000
PS-446V	C	3	2.500	1-3/4	VCFJF			065289 A000
FA-1875	C	—	—	1-7/8	BCF-F			065215 0000
FA-1875V	C	—	—	1-7/8	VCF-F			065219 0000
FA-2120	C	—	—	2-1/8	BCF-F			065214 0000
PS-1678V	C	3	3.125	2-1/4	VCFJF			065242 A00
<b>UNITED SERVICE EQUIPMENT</b>								
PS-1133	C	1	1.181	7/16	BCFJF			1034A7
<b>U.S. ELECTRICAL MOTOR</b>								
PS-358	C	1	1.375	3/4	BCFJF			PUL-2112
PS-356	C	1	1.750	1-1/8	BCFJF			
PS-320	C	1	2.250	1-1/2	BCFJF		Frame 213	
<b>U.S. FILTER</b>								
PS-1002V	C	1	1.000	1/2	VCFJF	N		7802910
PS-290V	C	1	1.250	5/8	VCFJF			7802918
PS-1687	D	1	3.000	2-1/8	BCFKF			U18080
<b>VERTIFLO PUMP CO.</b>								
PS-358	C	1	1.375	3/4	BCFJF			SJ-2112-C1-00
PS-358V-CMS	C	1	1.375	3/4	VCFJF			SJ-2112-C1-X2
PS-112V-CMS	C	1	1.375	3/4	VCFKF			SJ-2112-71-X0
PS-7305	C	1	1.375	3/4	VLFLF	316SS		SJ-2112-S1-X2
PS-756	C	1	1.875	1-1/4	BCFKF			SJ-2120-71-00
PS-3886	C	1	1.875	1-1/4	VCFJF	316SS		SJ-2120-C1-X2
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			SJ-2120-C1-X0
PS-758	C	1	2.125	1-1/2	BCFJF			SJ-2124-C1-02
PS-659	C	1	2.125	1-1/2	BCFKF			SJ-2124-71-00
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			SJ-2124-C1-X0
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		SJ-2124-C1-X2
PS-659V-CMS	C	1	2.125	1-1/2	VCFKF			SJ-2124-71-X0
PS-238	C	1	2.375	1-5/8	BCFJF			SJ-2126-C1-00
PS-239	C	1	2.375	1-5/8	BCFKF			SJ-2126-71-00
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			SJ-2126-C1-X0
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			SJ-2126-71-X0
PS-844	C	1	3.000	2-1/8	BCFJF			SJ-2134-C1-00
<b>VIC CLEANING MACHINE</b>								
PS-162	A	1	1.000	1/2	BMFJF			22-907
PS-701	A	1	1.187	5/8	BMFKF			42-607

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VICO (BALBOA WATER GROUP)</b>								
PS-2136	A	1	1.375/ 1.750	3/4	BCFJF		SuperFlo, UltraFlo, Ultima	PPSFSeal
<b>VIKING INSTRUMENT</b>								
PS-162	A	1	1.000	1/2	BMFJF			1-3438-3
<b>VIKING PUMP, INC. (Div. of IDEX CORP.)</b>								
PS-6321	C	3	1.125	1/2	BCFKF			2-471-051-999-00
PS-3735	C	3	1.125	1/2	VCFKF			2-471-052-999-00
PS-7948	E	Special	1.193	1/2	BCPKF			2-471-003-999-00
PS-7948N	E	Special	1.193	1/2	NCPKF			2-471-019-999-00
PS-7948V	E	Special	1.193	1/2	VCPKF			2-471-017-999-00
PS-9320	W Special	Special	1.193	1/2	TCPKF	316SS		2-471-004-999-00
PS-1625	C	3	1.250	5/8	BCFKF			2-472-014-999-00
PS-1625-EPR	C	3	1.250	5/8	QCFKF			2-472-016-999-00
PS-1626	C	3	1.250	5/8	VCFKF			2-472-015-999-00
PS-9321	W	2	1.250	5/8	TCFKF	316SS		2-472-006-999-00
PS-9322	WT	28	1.490	5/8	TCFOF	316SS		2-472-012-990-00
PS-7087	D	3	1.375	3/4	BCPKF			2-473-003-999-00
PS-7613	D	3	1.375	3/4	NCPKF			2-473-009-999-00
PS-7613V	D	3	1.375	3/4	VCPKF			2-473-018-999-00
PS-3935	W	2	1.375	3/4	TCFKF	316SS		2-473-038-999-00
PS-9324	W	2	1.375	3/4	TCFKF	316SS		2-473-006-999-00
PS-9323	W Special	2	1.375	3/4	TCFKF	316SS		2-473-001-999-00
PS-9325	W Special	2	1.375	3/4	TCFOF	316SS		2-473-034-999-00
PS-460	D	1	1.625	1	BCFKF			2-475-002-999-00
PS-6328	D	3	1.625	1	BCPKF			2-475-001-999-00
PS-6329	D	3	1.625	1	NCPKF			2-475-005-999-00
PS-1630V	D	3	1.625	1	VCPKF			2-475-010-999-00
PS-6331	E	3	1.625	1	BCPKF			2-475-115-999-00
PS-3803	E	3	1.625	1	VCFKF			2-475-012-999-00
PS-1631	T	3	1.625	1	NCPKF			2-475-004-999-00
PS-9313	W	2	1.625	1	TCFKF	316SS		2-475-019-999-00
PS-9334	W	2	1.625	1	TCFOF	316SS		2-475-025-999-00
PS-7967	E	3	2.000	1-1/8	BCPKF			2-476-001-999-00
PS-3653	E	3	2.000	1-1/8	NCPGF			2-476-006-999-00
PS-6334	E	3	2.000	1-1/8	VCPKF			2-476-012-999-00
PS-7232	W	2	2.000	1-1/8	TCFKF	316SS		2-476-003-999-00
PS-9327	W	2	2.000	1-1/8	TCFOF	316SS		2-476-005-999-00
PS-9328	W	28	2.354	1-1/8	TCFKF	316SS		2-476-123-999-00
PS-9329	W	28	2.354	1-1/8	Special	316SS		2-476-133-999-00
PS-3731	Special	3	1.625	1-1/8	BCPKP			2-476-018-999-00
PS-6339	D	3	1.875	1-1/4	BCPKF			2-477-100-999-00
PS-3934	D	3	1.875	1-1/4	NCPKF			2-477-019-999-00
PS-1632V	D	3	1.875	1-1/4	VCPKF			2-477-020-999-00
PS-3611	WT	2	1.875	1-1/4	TCFOF	316SS		2-477-140-999-06
PS-9003	WT	2	2.343	1-1/4	TCFKF	316SS		2-477-018-999-00
PS-7105	C	3	2.250	1-7/16	BCFKF			2-477-288-999-00 335-00-180-243
PS-4067	E	3	2.125	1-7/16	VCFKF			2-477-042-999-00
PS-6340	E	3	2.171	1-7/16	BCPKF			2-477-173-999-00
PS-6342	E	3	2.171	1-7/16	VCPKF			2-477-180-999-00
PS-4189	E	3	2.250	1-7/16	BCPKF			
PS-1634	E	3	2.250	1-7/16	BCPKP			2-477-008-999-00
PS-3848	E	3	2.312	1-7/16	BCPKF			2-477-001-999-00
PS-6344	E	3	2.312	1-7/16	NCPKF			2-477-429-999-00
PS-6338	E	3	2.312	1-7/16	VCPKF			2-477-038-999-00 335-00-210-024
PS-4140	E	3	2.375	1-7/16	VCFLF			2-477-669-999-00
PS-1633	T	3	2.187	1-7/16	NCPKF			2-477-006-999-00
PS-9227	W	2	2.312	1-7/16	TCFKF	316SS		2-477-003-999-00
PS-9307	W	2	2.312	1-7/16	TCFOF	316SS		2-477-005-999-00
PS-9304	W	2	2.687	1-7/16	TCFKF	316SS		2-477-116-999-00
PS-9330	W	Special	2.484	1-7/16	TCFKF	316SS		2-477-179-999-00

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VIKING PUMP, INC. (Div. of IDEX CORP.) (continued)</b>								
PS-9331	W	28	2.687	1-7/16	Special	316SS		2-477-346-999-00
PS-819	D	3	2.375	1-5/8	BCDKF			2-478-011-999-00
PS-6348	E	3	2.375	1-5/8	BCPKF			2-478-041-999-00
PS-6349	E	3	2.375	1-5/8	VCPKF			2-478-046-999-00
PS-9017	WT	28	2.875	1-5/8	TCFKF	316SS		2-478-040-999-00
PS-9332	WT	28	2.875	1-5/8	TCFOF	316SS		2-478-026-999-00
PS-7580	E	3	3.437	2-7/16	BCPKP			2-480-001-999-00
PS-3751	E	3	3.437	2-7/16	VCPKF			2-480-004-999-00
PS-9333	W	28	4.000	2-7/16	TCFKF	316SS		2-480-051-999-00
PS-3505	U	3	4.375	3-7/16	VCPKF			2-481-006-999-00
<b>VILTER MFG., INC.</b>								
PS-6175	R	3	3.875	3	NCPGP			A-33489-A
<b>VULCAN-HART</b>								
PS-1618	C	1	1.250	5/8	BCFJF	B		
PS-508	D	1	1.250	5/8	BCDJF			
PS-360	A	1	1.625	1	BCFJF			97505
PS-236	E	1	1.625	1	BCFKF			97049
PS-1167	C	1	1.750	1-1/8	BCFKF	B		
PS-604	D	1	1.750	1-1/8	BCFJF			
<b>WATER ACE PUMP CO. (Part of Pentair Pump Group)</b>								
PS-3845	B	8	1.299	5/8	BMFJF		Models RSP-7,10,15	25053A000
<b>WATERCO USA</b>								
PS-3985	B	1	1.375	3/4	BCFJF		Supatuf	6340162
PS-185	C	1	1.875	1-1/4	BCFJF			19B5032
PS-446	C	1	2.500	1-3/4	BCFJF			19B5033
<b>WATEROUS CO.</b>								
PS-499	C	3	1.625	1	BCFKF			
PS-3010	G	3	1.625	1	BCFLF			V-3386
PS-605	D	1	1.750	1-1/8	BCFKF			V-1467
PS-3013	G	25	1.750	1-1/8	VCFLF	316SS		V-3505
PS-598	C	3	1.875	1-1/4	BCFKF			V-2145
PS-383V	D	3	1.875	1-1/4	VCFKF			V-1150
PS-6266	G	3	1.875	1-1/4	BCFLF	316SS		V-3218
PS-659V	C	3	2.125	1-1/2	VCFKF			
<b>WATERWAY PLASTICS</b>								
PS-671	B	1	.875	3/8	BMFJF		Tiny Mite	811-4000A
PS-1000	B	1	1.250	5/8	BMFJF			319-3100B
<b>WATTS</b>								
PS-680	A	1	1.187	5/8	BCFJF		Close Coupled Circulator	
PS-1000	B	1	1.250	5/8	BMFJF			
<b>WAUKESHA CHERRY-BURRELL</b>								
PS-239V	C	3	2.375	1-5/8	VCFKF			PG4-45, 5164130809
PS-267V	C	3	2.750	2	VCFJF			PG4-46
PS-1145	C	1	2.750	2	VCFKF			PG4-46, 5065080809
PS-1676	C	3	3.125	2-1/4	BCFKF			5065711207
<b>WAUKESHA MOTORS</b>								
PS-642	B	—	—	5/8	BMF-F			102320 & 20B
PS-1522	A	—	—	3/4	BMF-F			810350
PS-201	A	1	1.375	3/4	BMFJF			152243-B
PS-647	B	—	—	3/4	BMF-F			120828
PS-752	D	1	1.375	3/4	BCDKF			
PS-685	R	1	1.500	7/8	BCDKF			108025
PS-1619	B	1	1.625	1	BCDJF			117177G-J
PS-380	D	1	1.625	1	BCFJF			
PS-604	D	1	1.750	1-1/8	BCFJF			157475, 157475E, 157475K
PS-185	C	1	1.875	1-1/4	BCFJF			178033
<b>WAYNE COMBUSTION SYSTEMS</b>								
PS-162	A	1	1.000	1/2	BMFJF			15717 / 56106

NOTE: B. TAPERED SPRING



## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WAYNE COMBUSTION SYSTEMS (continued)</b>								
PS-163	B	1	1.000	1/2	BMFJF			15863 / 56108
PS-400	C	—	—	1/2	BMF-F			15189
PS-1137	Q	1	1.000	1/2	BMFJF			15780 / 56107
PS-200	A	1	1.250	5/8	BMFJF		Series SJ-CJX	15559 / 56104
PS-642	B	—	—	5/8	BMF-F			
PS-1000	B	1	1.250	5/8	BMFJF			15996 / 56109
PS-1155	C	1	1.187	5/8	BCFJF		Series J and S	15529
PS-201	A	1	1.375	3/4	BMFJF			15693 / 56105
PS-201V	A	3	1.375	3/4	VCFJF			16229
<b>WAYNE PUMPS</b>								
PS-974	A	—	—	3/4	BCF-F			16829
PS-1522	A	—	—	3/4	BMF-F			16725
PS-150	B	—	—	1/2	BMF-F			16722
<b>WDM PUMPS</b>								
PS-864V	E	3	2.000	1-3/8	VCFJF			MSIXFCEA138
PS-436V	C	3	2.500	1-3/4	VCFKF			MS21XFNRAC134
<b>WEBER INDUSTRIES, INC.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			70X120-M
PS-851	A	1	1.375	3/4	BCFJF			70X107-M
PS-358V-CMS	C	1	1.375	3/4	VCFJF			70X121-M
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			70X118-M
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			70X123-M
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			70X125-M
<b>WEBSTER ELECTRIC</b>								
PS-218	A	—	—	5/8	BCF-F			
PS-467	C	1	2.125	1-3/8	BCFKF			151-26815
<b>WEIL PUMP CO., INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF		1-1/4" Submersible	17-30009-005
PS-600	B	1	1.187	5/8	BMFJF			
PS-1000	B	1	1.250	5/8	BMFJF			
PS-933-P66	C	—	—	5/8	BCF-F	I		330.016.000
PS-989	C	1	1.187	5/8	N/BCFJF	B		
PS-851	A	1	1.375	3/4	BCFJF			17-62372-008
PS-358	C	1	1.375	3/4	BCFJF			205.016.101
PS-358V-CMS	C	1	1.375	3/4	VCFJF			205.093.101
PS-750	D	1	1.375	3/4	BCDJF			X1397, X2372
PS-617	C	3	1.500	7/8	BCFKF			X3452
PS-380	D	1	1.625	1	BCFJF			X992
PS-2033	D	3	1.625	1	BCFJF			17-62427-000
PS-754	E	1	1.625	1	BCFJF			X993
PS-356	C	1	1.750	1-1/8	BCFJF			137-000-129
PS-604	D	1	1.750	1-1/8	BCFJF			X2428
PS-802	D	3	1.750	1-1/8	BCFJF			17-62428-008
PS-204	E	1	1.750	1-1/8	BCFJF			
PS-384	E	1	1.750	1-1/8	BCFKF			X-217UKY
PS-866	E	3	1.750	1-1/8	BCFJF			17-61117-008
PS-381	D	1	1.875	1-1/4	BCFJF			X2174, X-2429UKY
PS-804	D	3	1.875	1-1/4	BCFJF			17-62429-006
PS-1623	K	3	2.125	1-1/4	BCFJ/KF			17-05511-001
PS-210	C	1	2.000	1-3/8	BCFKF		Model AS	
PS-758	C	1	2.125	1-1/2	BCFJF			205.228.001
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			205.229.001
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			205.228.002

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIL PUMP CO., INC.</b>								
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			205.229.002
PS-926	C	3	2.312	1-1/2	BCFJF			
PS-514	D	1	2.375	1-5/8	BCDJF		Model AYM-2-1/2x3	
PS-1142	K	3	2.500	1-3/4	BCFJ/KF			17-05514-005
PS-2069	E	1	2.625	1-7/8	BCFJF		Model AYM-4x5	
PS-267	C	1	2.750	2	BCFJF			205.258.001
PS-847	D	3	3.125	2-1/4	BCDKF		Model AYM 5 & 6	17-62550-009
<b>WEINMAN (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-501	A	1	1.250	5/8	BMFJF		Types- 4, 5, 6 & 8ACK, 4&6AEK	
PS-4371	A	1	1.250	5/8	VCFJF	I		Q26-77-Y25
PS-3816	A	1	1.250	5/8	VCFKF	I		Q26-77-Y6
PS-309	C	1	1.500	7/8	BCFJF			Q26-394-Y2
PS-188	E	1	1.500	7/8	BCFJF		Type 2SB	Q26-177-Y2
PS-245	C	1	1.625	1	BCFJF	B/H	Types- 4AE, 6AC, 6AE, & 6AC	Q26-201-Y2
PS-248	C	1	1.625	1	BCFKF	B/H	Types- 4AE, 6AC, 6AE, & 6AC	Q26-143-Y34
PS-380	D	1	1.625	1	BCFJF			Q26-78-Y2
PS-204	E	1	1.750	1-1/8	BCFJF			Q26-184-Y2
PS-384	E	1	1.750	1-1/8	BCFKF			Q26-102-Y34
PS-546	E	3	1.875	1-1/4	BCFJF			Q26-243-Y2
PS-228	K	3	1.875	1-1/4	BCFKF		FR#11, 3UE-B11, 4UD-B11, 4UE-B11	Q26-190-Y34
PS-185	C	1	1.875	1-1/4	BCFJF			Q26-166-Y2 Q26-395-Y2
PS-246	C	1	1.875	1-1/4	BCFJF	B/H	Group A-Type 1G, 1-1/4G, 1-1/2G, 1-1/2K, 1-1/2KH, 2G, GB, and KB. Grp. B-7-1/2. HP & Less at 1750: 20 HP & less at 3500 RPM Types. 1-1/2KH, 2K, 2-1/2G, 2-1/2K, 3G, 3K, 4GL, and 4G	Q26-166-Y2
PS-2122	C	1	1.875	1-1/4	BCFJF			Q26-243-Y2
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		Q26-395-Y21
PS-249	C	1	1.875	1-1/4	BCFKF	B/H		Q26-276-Y34
PS-2123	C	1	1.875	1-1/4	BCFKF			Q26-102-Y34
PS-756	C	1	1.875	1-1/4	BCFKF		1G2A30P12G-D	Q26-395-Y34
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			Q26-395-Y39
PS-1082	C	1	1.875	1-1/4	NCFKF			Q26-395-Y24
PS-185V-CMS-P66	C	1	1.875	1-1/4	VCFJF	I		Q26-395-Y25
PS-756V	C	3	1.875	1-1/4	VCFKF			Q26-395-Y47
PS-381	D	1	1.875	1-1/4	BCFJF			Q26-79-Y2
PS-383	D	1	1.875	1-1/4	BCFKF			Q26-5-Y34
PS-361	E	1	1.875	1-1/4	BCFJF		When Seal is Mounted on Shaft: 2L-4, 5, 6, 3L-6, 4L3, 5L3	Q26-243-Y2
PS-137	E	1	1.875	1-1/4	BCFKF			Q26-102-Y34
PS-264	E	3	1.875	1-1/4	BCFKF			Q26-243-Y34
PS-7702	E Bal.	3	1.875	1-3/8	BCFJF			Q26-415-Y2
PS-4145	E Bal.	3	1.875	1-3/8	BCFZF			Q26-318-Y10
PS-3769	E Bal.	3	1.875	1-3/8	VCFZF	I		Q26-318-Y17
PS-347	C	1	2.125	1-1/2	BCFJF	B/H	Group B-10 HP, Over at 1750; 25 HP Over at 3500 RPM 1-1/2KH, 2K, 2-1/2G, 2-1/2K, 3G, 3K, 4GL, 4G. Group C TYP- 2-1/2KH.	Q26-167-Y2
PS-378	C	1	2.125	1-1/2	BCFKF	B/H		Q26-175-Y34
PS-382	D	1	2.125	1-1/2	BCFJF			Q26-167-Y2
PS-305	E	1	2.125	1-1/2	BCFJF		When Seal is Mounted on Sleeve: 2L-4, 2L-5, 3L-6, 4L-2, 4L-3, 5L-3. When Seal is Mounted on Shaft: 2-1/2JC, 3L-4, 3L-5, 4L-1, 5L-2, 6L-2, 6L03.	Q26-264-Y2
PS-374	E	1	2.125	1-1/2	BCFKF			Q26-265-Y34
PS-395	E	3	2.125	1-1/2	BCFJF			Q26-178-Y2
PS-258	E	3	2.125	1-1/2	BCFKF			Q26-178-Y34

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEINMAN (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-305V-P66	E	3	2.125	1-1/2	VCFJF	I		Q26-178-Y25
PS-374V	E	3	2.125	1-1/2	VCFKF			Q26-178-Y47
PS-818	C	3	2.375	1-5/8	BCFJF			Q26-373-Y2
PS-544	C	3	2.375	1-5/8	BCFKF			Q26-373-Y34
PS-238V	C	3	2.375	1-5/8	VCFJF			Q26-373-Y25
PS-239V	C	3	2.375	1-5/8	VCFKF			Q26-373-Y47
PS-745	E	1	2.375	1-5/8	BCDJF		When Seal is Mounted on Shaft: Type 3JC, 4L-4, 5L-1, 8L-3	Q26-240-Y13
PS-744	E	1	2.375	1-5/8	BCDKF			Q26-241-Y35
PS-822	E	3	2.375	1-5/8	BCDKF			Q26-240-Y35
PS-1699	E	3	2.375	1-5/8	BCFKF			Q26-240-Y34
PS-7787	E	3	2.375	1-5/8	QCDZF	I		Q26-240-Y30
PS-1699V-P66	E	3	2.375	1-5/8	VCFKF	I		Q26-240-Y6
PS-205	E	1	2.500	1-3/4	BCFJF		When Seal is Mounted on Sleeve: Type 3L-4, 3L-5, 4L-1, 5L-2, 6L-2, 6L-3. When Seal is Mounted on Shaft: 2-1/2JC.	Q26-222-Y2 Q26-217-Y2
PS-205-P66	E	1	2.500	1-3/4	BCFJF	I		Q26-179-Y21
PS-366	E	1	2.500	1-3/4	BCFKF			Q26-223-Y34
PS-205V-CMS	E	1	2.500	1-3/4	VCFJF			Q26-179-Y25
PS-535	E	3	2.500	1-3/4	BCFJF			Q26-217-Y2
PS-262	E	3	2.500	1-3/4	BCFKF			Q26-217-Y34
PS-3540	E	3	2.500	1-3/4	QZFZF			
PS-7774	E Bal.	3	2.375	1-3/4	BCFJF			Q26-319-Y2
PS-2231	E Bal.	3	2.375	1-3/4	BCFKF			Q26-304-Y34
PS-7821	E Bal.	3	2.375	1-3/4	BCFZF			
PS-449	K	1	2.500	1-3/4	BCFJF		Frame #12-3UE, 4UD, 4UE-B12 Frame #13: 4UF, 5UF, 6UG-B13	Q26-191-Y2
PS-2170	U	3	2.500	1-3/4	BCFJF			Q26-179-Y2
PS-479	E	1	2.750	2	BCFJF		When Seal is Mounted on Shaft: Type 6L-1, 8L-2, 10L-2, 10L-3. When Seal Mounted on Sleeve: 4L-4, 5L-1 and 8L-3	Q26-267-Y2
PS-477	E	3	2.750	2	BCFKF			Q26-268-Y34
PS-7892	E Bal.	3	2.625	2	BCFKF			Q26-305-Y34
PS-385A	U	3	2.750	2	BCFKF		3JC and 5LI Split Case	Q26-180-Y34
PS-4391	U	3	2.750	2	VFLF		8L2	
PS-3784	E Bal.	3	3.000	2-1/4	BCFJF			Q26-306-Y2
PS-3643	E Bal.	3	3.000	2-1/4	BCFKF			Q26-306-Y34
PS-7749	E Bal.	3	3.000	2-1/4	BCFZF			Q26-306-Y10
PS-3656	E Bal.	3	3.000	2-1/4	VCFZF	I		Q26-306-Y17
PS-2097-CMS	E	1	3.250	2-3/8	BCFJF			Q26-181-Y2
PS-350	E	3	3.250	2-3/8	BCFKF			Q26-181-Y34 Q26-275-Y34
PS-278	E	3	3.250	2-3/8	BCFJF		When Seal is Mounted on Shaft: 8L-1, 12L-2 When Seal is Mounted on Sleeve: 6L-1, 8L-2, 10L-3	Q26-273-Y2
PS-350V-P66-TC	E	3	3.250	2-3/8	VCFZF	I		Q26-181-Y17
PS-2158	K	1	3.375	2-1/2	BCFJF			Q26-406-Y2
PS-279	E	3	3.375	2-1/2	BCFJF		Pump Type 10L-2, Seal is Mtd. on Sleeve	Q26-182-Y2
PS-349	E	3	3.375	2-1/2	BCFKF			Q26-198-Y34
PS-7927	E Bal.	3	3.375	2-5/8	BCFKF			Q26-340-Y34
PS-324	E	3	3.875	3	BCDJF		Type 8L-1, 12L-2 Seal is Mtd. on Sleeve	Q26-199-Y2
PS-475	E	3	3.875	3	BCDKF			Q26-183-Y35
PS-5252	E	3	3.875	3	BCFKF			Q26-183-Y34
<b>WEIR SPECIALTY PUMPS</b>								
PS-758	C	1	2.125	1-1/2	BCFJF			157258
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		157256
PS-2209	C	1	2.125	1-1/2	BZFZF			52597

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIR SPECIALTY PUMPS (continued)</b>								
PS-3558	K	3	2.375	1-1/2	BCFJF			157319
PS-4304	K	1	2.500	1-3/4	VZFFZ			157472
PS-267	C	1	2.750	2	BCFJF			157259
PS-267V-CMS	C	1	2.750	2	VCFJF			157554
PS-4343	K	3	2.750	2	BZ/CFZ/JF			804820
PS-1679	C	1	3.125	2-1/4	BCFJF			52600
PS-2120	C	1	3.375	2-1/2	BCFJF			157599
PS-324SS	E	3	3.875	3	BCFJF			157474
<b>WELLS BLOOMFIELD</b>								
PS-359	C	1	1.250	5/8	BCFJF			35902
<b>WEMCO (Div. of WEIR SPECIALTY PUMPS)</b>								
PS-541	K	1	2.125	1-1/2	BCFJF			157174
<b>WESTINGHOUSE</b>								
PS-663	Q	1	1.000	1/2	BMFJF			69782
<b>WHEELER, C.H.</b>								
PS-218	A	—	—	5/8	BCF-F			
PS-702	A	1	1.187	5/8	BMFJF		Reuse Brass Seat Housing	
<b>WHITE</b>								
PS-701	A	1	1.187	5/8	BMFKF			
PS-200	A	1	1.250	5/8	BMFJF			
<b>WORTHINGTON (See FLOWSERVE CORP.)</b>								
PS-928	C	—	—	9/16	BCF-F		1 GA	055954-00, 74744277
PS-200	A	1	1.250	5/8	BMFJF		Model 1-1/40CS-5, 1-1/4OM-5	043008-00
PS-507	A	1	1.250	5/8	BMFKF		1-1/2PM3	
PS-528	A	1	1.375	5/8	BMFJF		Delta 512 and 520	PO2098-00, 28518652
PS-200V	A	3	1.250	5/8	VCFJF			
PS-933	C	—	—	5/8	BCF-F		2GAR, 2GA	055955-00
PS-359	C	1	1.250	5/8	BCFJF			050675-00
PS-359V-CMS	C	1	1.250	5/8	VCFJF			74315409
PS-626	C	1	1.375	5/8	VCFJF		Delta 520	PO2099-00
PS-951	C	3	1.375	5/8	VCFKF		Delta 512 and 520	PO2752-00, 7426767
PS-201	A	1	1.375	3/4	BMFJF		1-1/2PE, 3 & 4	
PS-564	C	—	—	3/4	BCF-F		3 & 4 GA Pumps	024439-00
PS-373	C	1	1.375	3/4	BCFKF		Frame 1A, DN2	026493-00, 026492-00
PS-768	C	3	1.375	3/4	BCFKF			SEL 244
PS-578	D	—	—	7/8	BCD-F		5 & 6 AUM	
PS-936	E	—	—	7/8	BCF-F		5 & 6 GAUM	024440-00, 27197631
PS-560SS	U	2	1.562	15/16	BCFKF		Frame 1	026456-00, 031446-00
PS-370	A	1	1.625	1	BCFKF			
PS-348	C	—	—	1-1/8	BCF-F			PO2885-00, 28518934 68885854
PS-801	C	3	1.750	1-1/8	BCFJF		Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2897-00
PS-529	C	3	1.750	1-1/8	BCFKF		Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2893-00
PS-356V	C	3	1.750	1-1/8	VCFJF		Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2897-00
PS-355V	C	3	1.750	1-1/8	VCFKF		Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2893-00
PS-866	E	3	1.750	1-1/8	BCFJF		Frame 1 D-1011, 1021	PO2869-00 w/ PO2897-00
PS-867	E	3	1.750	1-1/8	BCFKF		Frame 1 D-1011, 1021	PO2869-00 w/ PO2893-00
PS-282	U	3	1.750	1-1/8	BCFKF		2-1/2 LR10	051610-00, 053129-00
PS-394	U	3	1.875	1-1/4	BCF/DKF		2, 2-1/2 GRM1, 3GRWMC1	03144800, 74295924
PS-805	C	3	2.000	1-3/8	BCFJF		Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2898-00
PS-547	C	3	2.000	1-3/8	BCFKF		Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2894-00
PS-177V	C	3	2.000	1-3/8	VCFJF		Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2898-00
PS-210V	C	3	2.000	1-3/8	VCFKF		Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2894-00
PS-864	E	3	2.000	1-3/8	BCFJF		Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2898-00
PS-865	E	3	2.000	1-3/8	BCFKF		Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2894-00
PS-561SS	U	1	2.000	1-3/8	BCFKF		Frame 2 2-1/2 LR-13	050498-00, 026457-00 272150-94
PS-2106V	E	—	—	1-1/2	VCF-F			605061-69

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WORTHINGTON (continued) (See FLOWSERVE CORP.)</b>								
PS-258	E	3	2.125	1-1/2	BCFKF		3LR-9, 4,5,& 6LR-10, 3LR-12, 4LR-12, 1-1/2LLR-7, 1-1/2LLR-10, 2LLR-9	051612-00 w/ 053130-00
PS-395	E	3	2.125	1-1/2	BCFJF		3LR-9, 4,5 & 6LR-10, 3LR-12, 4LR-121-1/2LLR-7, 1-1/2LLR-10, 2LLR-9	051708-00 w/ 053130-00
PS-458	U	3	2.375	1-5/8	BCDKF		4LR-14, 5LR-13, 4LR-11	051613-00 w/ 053132-00
PS-2108	C	—	—	1-3/4	BCF-F			PO2887-00, 28518876
PS-2108V	C	—	—	1-3/4	VCF-F			PO2891-00
PS-550	C	3	2.500	1-3/4	BCFJF		Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2899-00
PS-436	C	3	2.500	1-3/4	BCFKF		Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2895-00
PS-7679	C	3	2.500	1-3/4	VLFLF			
PS-535	E	3	2.500	1-3/4	BCFJF		Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2899-00
PS-262	E	3	2.500	1-3/4	BCFKF		Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2895-00
PS-555	U	1	2.500	1-3/4	BCFD/KF		Frame 3	026458-00
PS-555SS	U	1	2.500	1-3/4	BCFKF		Frame 3	050499-00
PS-2070	E	1	2.625	1-7/8	BCFKF		4GRWM	031449-00
PS-1108	V	1	2.625	1-7/8	BMFJF		4FNC-10	
PS-477	E	3	2.750	2	BCFKF		2" HBL, 4GRM, 5GRWM	031450-00
PS-456	U	3	2.750	2	BCFKF		5LR-15, 6LR-13, 6LR-16, 8LR-13	051614-00 w/ 053133-00
PS-385A	U	3	2.750	2	BCFKF		8LR-14	
PS-854	C	3	2.875	2-1/8	BCFJF		Frame 4 D-1012, 1020	PO2888-00 w/ PO2900-00
PS-855	C	3	2.875	2-1/8	BCFKF		Frame 4 D-1012, 1020	PO2888-00 w/ PO2896-00
PS-856	E	3	2.875	2-1/8	BCFJF		Frame 4 D-1011, 1021	PO2872-00 w/ PO2900-00
PS-857	E	3	2.875	2-1/8	BCFKF		Frame 4 D-1011, 1021	PO2872-00 w/ PO2896-00
PS-556	U	2	3.000	2-1/8	BCFKF		Frame 4	026459-00, 050500-00
PS-475	E	3	3.875	3	BCDKF		6LR-18, 10LR-15	055426-00 w/ 055425-00
PS-330	E	3	4.125	3-1/4	BCDJF		6 UZD-1	
<b>YOEMANS CHICAGO CORP. (See CLOW CORP.)</b>								
<b>YORK (See JOHNSON CONTROLS)</b>								
<b>ZODIAC POOL SYSTEMS, INC. (See JANDY)</b>								
<b>ZOELLER PUMP CO.</b>								
PS-4218	B	—	—	1/2	BCF-F			009567
PS-3033	Q	8	.906	1/2	BCFKF			005095
PS-7929	B	1	1.250	5/8	VLFLF			012240
PS-447	B	8	—	5/8	BCFJF	A		001017
PS-397	C	—	—	1	BCF-F			007767
PS-356	C	1	1.750	1-1/8	BCFJF			006510
PS-4443	C	1	1.750	1-1/8	BCFLF			011125
PS-355-SC-SC	C	1	1.750	1-1/8	BLFLF			011124
PS-356V-SC-SC	C	1	1.750	1-1/8	VLFLF			011126
PS-185	C	1	1.875	1-1/4	BCFJF			008165
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			011128
PS-2208	C	1	1.875	1-1/4	BZFZF			008166
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			008177
PS-185V-SC-SEAT	C	1	1.875	1-1/4	VCFLF			011131
PS-4150	C	1	1.875	1-1/4	VLFLF	316SS		011130
PS-758	C	1	2.125	1-1/2	BCFJF			006500
PS-758-SC-SEAT	C	1	2.125	1-1/2	BCFLF			011132
PS-629-TC	C	1	2.125	1-1/2	BCFZF			007024
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			007023
PS-2209	C	1	2.125	1-1/2	BZFZF			007011
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			007027

NOTE: A. MOUNTS ON SHAFT

## PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Part No.	Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ZOELLER PUMP CO. (continued)</b>								
PS-758V-SC-SEAT	C	1	2.125	1-1/2	VCFLF			011133
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			011134
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			007026, 008180
PS-446	C	1	2.500	1-3/4	BCFJF			008168
PS-446-TC-TC	C	1	2.500	1-3/4	BZFZF			008169
PS-340	C	1	2.625	1-7/8	BCFJF			007131
PS-340-TC-SC	C	1	2.625	1-7/8	BZFLF			011139
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			007440



**U.S. SEAL MFG. recommends using U.S. SEALUBE as a lubricant when installing our seals.**

**Please call us for information on our LUBE-PP (1cc Pillow Pak), LUBE-10ML (10ml Tube), LUBE-4OZ (4 oz. Bottle), and LUBE-8OZ (8 oz. Bottle).**

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.250 (1/4")</b>								
X Special	.781	.398	1	.875	.140	QCFLF		PS-8100
X Special	.781	.482	1	.864	.140	QCFLF		PS-8066
<b>.312 (5/16")</b>								
A	1.062	.656	1	1.000	.312	BCFJF		PS-4055
A	1.062	.656	1	1.000	.312	BMDJF		PS-114
C	.812	.812	3	.875	.312	VCFJF		PS-1064V
<b>.375 (3/8")</b>								
B	1.125	.375	1	.875	.165	BMFJF		PS-671
B	1.125	.375	1	.875	.165	VCFJF		PS-671V-CMS
B	1.125	.375	1	1.000	.203	BMFJF		PS-1615
C	.812	.812	3	.875	.312	BCFJF		PS-1065
C	.812	.812	3	.875	.312	VCFJF		PS-1065V
<b>.437 (7/16")</b>								
C	.875	.718	1	1.175	.240	VCFJF		PS-3578V
C	.875	.750	1	1.181	.285	BCFJF		PS-1133
G	.866	.769	1	1.181	.281	BCFJF		PS-4060
G	.866	.769	1	1.181	.281	QCFJF		PS-4061
G	.866	.769	1	1.181	.281	QCFJF		PS-4062
G	.866	.769	1	1.181	.281	VCFJF		PS-4063
<b>.472 (12MM)</b>								
G	22MM	15MM	1	23MM	6MM	QCFLF		PS-4225
G	22MM	15MM	1	26MM	5MM	BLFLF		PS-3000
<b>.500 (1/2")</b>								
A	1.062	.656	—	—	—	BMF-F		PS-298
A	1.062	.656	1	1.000	.290	BMFKF		PS-506
A	1.062	.656	1	1.000	.312	BMFJF		PS-162
B	1.125	.547	—	—	—	BCF-F		PS-4218
B	1.125	.547	—	—	—	BLF-F		FA-4360
B	1.125	.547	—	—	—	BMF-F		PS-150
B	1.125	.547	9	—	.312	BMFKF	A	PS-164
B	1.125	.547	1	.875	.165	BMFJF		PS-1098
B	1.125	.547	9	.906	.312	BMFJF	A	PS-165
B	1.125	.547	1	1.000	.218	BMFJF		PS-142
B	1.125	.547	1	1.000	.290	BMFKF		PS-788
B	1.125	.547	1	1.000	.312	BMFJF		PS-163
B	1.125	.547	1	1.000	.312	VCFJF		PS-163V
C	—	—	1	.938	.225	B - - J -		PS-400A
C	.922	.605	Special	1.360	.300	BCFGF		PS-2138
C	.922	.750	1	1.000	.312	BCFKF		PS-3583
C	.937	.594	1	1.000	.187	BCFJF		PS-4214
C	.937	.611	1	.938	.250	BCFJF		PS-3561
C	.937	.611	1	.938	.250	QCFLF		PS-3563
C	.937	.625	1	.938	.213	BCFJF		PS-3844
C	.937	.625	1	.938	.213	VCFJF		PS-3715
C	.937	.625	1	.938	.218	VCFJF		PS-3843
C	.937	.718	—	—	—	BMF-F		PS-400
C	.937	.718	—	—	—	VCF-F		PS-400V
C	.937	.718	1	.938	.225	B/QCFJF	I	PS-392-P66
C	.937	.718	1	.938	.225	B/QMFJF		PS-392
C	.937	.718	1	.938	.225	BMFKF		PS-393
C	.937	.718	1	.938	.225	V/QCFJF		PS-392V
C	.937	.718	1	.938	.225	V/QCFJF	I	PS-392V-P66
C	.937	.718	1	1.000	.218	BMFJF		PS-1043
C	.937	.718	1	1.062	.312	BCFJF		PS-1120

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.500 (1/2") (continued)</b>								
C	.937	.750	1	1.125	.237	BMFJF		PS-7712
C	.937	.812	—	—	—	BCF-F		PS-401
C	.937	.812	—	—	—	BCF-F	I	PS-401-P66
C	.937	.812	—	—	—	BCF-F		PS-1050
C	.937	.812	—	—	—	QCF-F		PS-1050-EPR
C	.937	.812	—	—	—	VCF-F		PS-1050V
C	.937	.812	1	.938	.225	BCFJF		PS-401A
C	.937	.812	1	.938	.225	B/QCFJF		PS-1012
C	.937	.812	1	.938	.225	QCFJF		PS-1012-EPR
C	.937	.812	1	.938	.225	VCFJF		PS-1012V
C	.937	.812	1	.938	.250	BCFKF		PS-984
C	.937	.812	1	1.000	.312	BCFJF	N	PS-631
C	.937	.812	1	1.000	.312	BCFJF	N	PS-1002
C	.937	.812	1	1.000	.312	BCFJF	I/N	PS-1002-P66
C	.937	.812	1	1.000	.312	BCFKF	N	PS-106
C	.937	.812	1	1.000	.312	BCFKF	N	PS-632
C	.937	.812	1	1.000	.312	QCFJF	N	PS-1002-EPR
C	.937	.812	1	1.000	.312	QCFKF	N	PS-106-EPR
C	.937	.812	1	1.000	.312	VCFJF	N	PS-1002V
C	.937	.812	1	1.000	.312	VCFKF	N	PS-106V
C	.937	.812	3	1.000	.312	B/VCFJF		PS-4045
C	.937	.840	3	1.125	.265	BCFKF		PS-6321
C	.937	.840	3	1.125	.265	VCFKF		PS-3735
E	.937	1.140	Special	1.193	.656	BCPKF		PS-7948
E	.937	1.140	Special	1.193	.656	NCPKF		PS-7948N
E	.937	1.140	Special	1.193	.656	VCPKF		PS-7948V
G	.945	.591	1	.938	.294	QLFLF		PS-4349
G	.945	.591	1	1.000	.312	QCFLF		PS-3004
G	.945	.591	1	1.000	.312	QLFLF		PS-3568
G	.945	.656	3	1.000	.312	BCFJF		PS-3003
G	.945	.812	3	1.000	.312	VCFJF		PS-3001
G	.945	.812	3	1.000	.312	VCFJF	316SS	PS-3002
Q	1.125	.390	1	.938	.225	BMFJF		PS-749
Q	1.125	.390	1	1.000	.312	BMFJF		PS-663
Q	1.139	.390	1	1.019	.208	BCFJF		PS-6313
Q	1.125	.390	9	—	.171	BMFJF	A	PS-1621
Q	1.125	.390	9	—	.218	BMFJF	A	PS-4038
Q	1.125	.390	9	—	.312	BMFJF	A	PS-1112
Q	1.125	.408	8	.906	.218	BCFKF		PS-3033
Q	1.125	.408	9	—	.218	BMFJF	A	PS-1149
Q	1.125	.418	1	1.000	.187	BMFJF		PS-1137
W Special	.937	1.109	Special	1.193	.656	TCPKF		PS-9320
X	.875	.527	3	1.000	.312	BCFKF		PS-3729
X	1.031	.812	3	1.000	.312	VCFKF	316SS	PS-3800
X Special	.875	.527	3	1.000	.312	VCFGF		PS-7727
Special	1.125	.344	Special	.950	Special	BMFJF	Unitized	PS-4064
<b>.562 (9/16")</b>								
A	1.218	.718	1	1.250	.406	VCFJF		PS-1061
C	1.000	.808	3	1.031	.312	VCFKF		PS-3542
C	1.062	.812	—	—	—	BCF-F		PS-928
<b>.590 (15MM)</b>								
C	1.062	.875	1	1.250	.406	BCFKF	I	PS-7520
D	1.312	.875	1	1.250	.406	BCDJF		PS-129

**NOTE:** A. MOUNTS ON SHAFT  
 I. ABRASION RESISTANT CARBON (P66)  
 N. NON-STANDARD SPRING HOLDER



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.590 (15MM) (continued)</b>								
D	1.312	.875	1	1.250	.406	BCFKF		PS-1675
<b>.625 (5/8")</b>								
A	1.218	.718	—	—	—	BCF-F		PS-218
A	1.218	.718	—	—	—	BMF-F		PS-299
A	1.218	.718	1	—	.562	BCFJF	G	PS-2172
A	1.218	.718	14	.815	.312	BMFKF		PS-293
A	1.218	.718	14	.815	.312	VCFKF		PS-293V
A	1.218	.718	1	1.187	.288	BCFJF		PS-680
A	1.218	.718	1	1.187	.288	BMFJF		PS-702
A	1.218	.718	1	1.187	.288	BMFKF		PS-701
A	1.218	.718	1	1.187	.288	QCFJF		PS-702-EPR
A	1.218	.718	1	1.187	.288	VCFJF		PS-702V
A	1.218	.718	1	1.187	.288	VCFKF		PS-701V
A	1.218	.718	1	1.187	.296	BCFJF		PS-4240
A	1.218	.718	1	1.187	.296	BCFKF		PS-518
A	1.218	.718	1	1.187	.296	BLFLF		PS-518-SC-SC
A	1.218	.718	1	1.187	.296	VCFLF		PS-4284
A	1.218	.718	1	1.187	.343	BCFJF		PS-957
A	1.218	.718	1	1.187	.343	BLFLF		PS-100-SC-SC
A	1.218	.718	1	1.187	.343	BMFJF		PS-100
A	1.218	.718	1	1.187	.343	BMFKF		PS-1150
A	1.218	.718	1	1.187	.343	QCFJF		PS-100-EPR
A	1.218	.718	1	1.187	.343	VCFJF		PS-100V-CMS
A	1.218	.718	1	1.187	.343	VCFJF	I	PS-100V-CMS-P66
A	1.218	.718	1	1.187	.343	VLFLF		PS-100V-SC-SC-CMS
A	1.218	.718	3	1.187	.343	BMFJF		PS-711
A	1.218	.718	3	1.187	.343	VCFJF		PS-100V
A	1.218	.718	1 Special	1.250	.125	VCFJF		PS-4424
A	1.218	.718	1	1.250	.406	BCFJF		PS-516
A	1.218	.718	1	1.250	.406	BCFKF		PS-524
A	1.218	.718	1	1.250	.406	BLFLF		PS-200-SC-SC
A	1.218	.718	1	1.250	.406	BLFZF		PS-4355
A	1.218	.718	1	1.250	.406	BMFJF		PS-200
A	1.218	.718	1	1.250	.406	BMFJF		PS-300
A	1.218	.718	1	1.250	.406	BMFKF		PS-507
A	1.218	.718	1	1.250	.406	QCFJF		PS-200-EPR
A	1.218	.718	1	1.250	.406	QCFKF		PS-524-EPR
A	1.218	.718	1	1.250	.406	VCFJF		PS-200V-CMS
A	1.218	.718	1	1.250	.406	VCFJF	I	PS-200V-CMS-P66
A	1.218	.718	1	1.250	.406	VCFKF		PS-507V-CMS
A	1.218	.718	1	1.250	.406	VCFZF		PS-2204
A	1.218	.718	1	1.250	.406	VLFLF		PS-200V-SC-SC
A	1.218	.718	3	1.250	.406	BMFJF		PS-637
A	1.218	.718	3	1.250	.406	BMFKF		PS-628
A	1.218	.718	3	1.250	.406	VCFJF		PS-200V
A	1.218	.718	3	1.250	.406	VCFJF		PS-300V
A	1.218	.718	3	1.250	.406	VCFKF		PS-507V
A	1.218	.718	3	1.250	.406	VCFKF	I	PS-507V-P66
A	1.218	.718	3	1.250	.406	VCFLF		PS-200V-SC-SEAT
A	1.218	.718	31	1.250	—	BMJFJ	G	PS-2131
A	1.218	.718	31	1.250	—	VCFJF	G	PS-2131V
A	1.218	.718	1	1.375	.562	BMFJF		PS-528
A	1.218	.718	1	1.375	.562	VCFJF		PS-528V
A	1.218	.734	1	1.187	.296	VLFLF		PS-3977

**NOTE:** G. MOUNTS IN PLASTIC  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.625 (5/8") (continued)</b>								
A	1.218	.811	1	1.187	.288	BCFKF		PS-955
A	1.218	.811	1	1.187	.343	BCFJF		PS-953
A	1.218	.811	1	1.187	.343	BMFJF		PS-166
A	1.218	.811	1	1.250	.406	BCFJF		PS-952
A	1.218	.811	1	1.250	.406	BCFJF	I	PS-952-P66
A	1.218	.811	1	1.250	.406	BCFKF		PS-954
A	1.218	.811	1	1.250	.406	BMFJF		PS-501
A	1.218	.811	1	1.250	.406	BMFKF		PS-153
A	1.218	.811	1	1.250	.406	VCFJF		PS-501V-CMS
A	1.218	.811	1	1.250	.406	VCFJF		PS-3864
A	1.218	.811	1	1.250	.406	VCFJF	I	PS-4371
A	1.218	.811	1	1.250	.406	VCFKF		PS-153V-CMS
A	1.218	.811	1	1.250	.406	VCFKF	I	PS-3816
A	1.218	.811	1	1.250	.406	VLFLF	316SS	PS-1903
A	1.218	.811	3	1.250	.406	VCFJF		PS-501V
A	1.218	.811	3	1.250	.406	VCFKF		PS-153V
A	1.218	.843	1	1.250	.406	VCFKF		PS-954V-CMS
B	1.437	.603	1	1.250	.406	VLFLF		PS-3741
B	1.437	.615	—	—	—	BCF-F		PS-882
B	1.437	.615	—	—	—	BMF-F		PS-642
B	1.437	.615	8	—	.215	BCFJF	A	PS-447
B	1.437	.615	8	—	.215	BCFKF	A	PS-453
B	1.437	.615	8	—	.215	BMFJF	A	PS-1021
B	1.437	.615	8	—	.215	QCFJF	A/I	PS-447-EPR
B	1.437	.615	8	—	.215	VCFJF	A	PS-447V
B	1.437	.615	8	—	.215	VCFJF	A/I	PS-447V-P66
B	1.437	.615	8	—	.215	VCFKF	A	PS-453V
B	1.437	.615	8	—	.215	VLFSF		PS-4248V
B	1.437	.615	9	—	.312	BMFJF	A	PS-452
B	1.437	.615	11	—	.375	BMFJF	A	PS-202
B	1.437	.615	11	—	.375	VCFJF	A	PS-202V
B	1.437	.615	11	—	.487	BMFJF	A	PS-411
B	1.437	.615	11	—	.487	VCFJF	A	PS-411V
B	1.437	.615	9	1.062	.520	VCFKF	316SS	PS-3926
B	1.437	.615	1	1.093	.218	BMFJF		PS-113
B	1.437	.615	1	1.093	.218	V/BCFJF		PS-1089
B	1.437	.615	8	1.109	.213	Special		PS-4114
B	1.437	.615	1	1.187	.288	BCFKF		PS-522
B	1.437	.615	1	1.187	.288	BMFJF		PS-700
B	1.437	.615	1	1.187	.288	BMFKF		PS-616
B	1.437	.615	1	1.187	.343	BCFJF		PS-963
B	1.437	.615	1	1.187	.343	BMFJF		PS-600
B	1.437	.615	1	1.187	.343	VCFJF		PS-600V-CMS
B	1.437	.615	3	1.187	.343	BMFJF		PS-717
B	1.437	.615	3	1.187	.343	VCFJF		PS-600V
B	1.437	.615	1	1.250	.125	VLFLF		PS-7929
B	1.437	.615	1	1.250	.406	BCFJF		PS-961
B	1.437	.615	1	1.250	.406	BCFKF		PS-964
B	1.437	.615	1	1.250	.406	BMFJF		PS-1000
B	1.437	.615	1	1.250	.406	BMFKF		PS-1152
B	1.437	.615	1	1.250	.406	VCFJF		PS-1000V-CMS
B	1.437	.615	1	1.250	.406	VCFJF		PS-3865R
B	1.437	.615	1	1.250	.406	VLFLF	316SS	PS-1905

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.625 (5/8") (continued)</b>								
B	1.437	.615	3	1.250	.406	BMFJF		PS-715
B	1.437	.615	3	1.250	.406	BMFKF		PS-712
B	1.437	.615	3	1.250	.406	VCFJF		PS-1000V
B	1.437	.615	1	1.375	.288	BMFJF		PS-151
B	1.437	.615	1	1.375	.406	BMFJF		PS-2161
B	1.437	.615	1	1.375	.406	BMFKF		PS-1005A
B	1.440	.425	Special	1.030	—	BMFSF		PS-4403
B	1.637	.753	8	1.299	.213	BMFJF		PS-3845
C	1.046	.859/.734	1	1.187	.296	QCFLF	316SS/H	PS-4222
C	1.046	.859	1	1.187	.296	QLFLF	316SS/H	PS-3707
C	1.046	.859	1	1.187	.296	VCFLF		PS-4031
C	1.046	.859	1	1.187	.296	VFLFLF		PS-3613
C	1.046	.859	1	1.187	.296	VFLFLF	316SS/H	PS-4226
C	1.046	.859	25	1.042	.312	VFLFLF		PS-4310
C	1.062	.609	1	1.250	.406	BCFJF		PS-6234
C	1.062	.609	1	1.250	.406	VCFKF		PS-1626-CMS
C	1.062	.609	3	1.250	.406	BCFKF		PS-1625
C	1.062	.609	3	1.250	.406	QCFKF		PS-1625-EPR
C	1.062	.609	3	1.250	.406	VCFKF		PS-1626
C	1.062	.715	1	1.187	.343	VCFJF		PS-1091
C	1.062	.718	3	1.187	.281	VCFJF	316SS	PS-4346
C	1.062	.718	1	1.250	.406	BCFJF		PS-2160
C	1.062	.718	1	1.250	.406	BCFJF	I	PS-7524
C	1.062	.718	1	1.250	.406	VCFJF	I	PS-7524V
C	1.062	.718	3	1.250	.406	VCFJF		PS-1045
C	1.062	.718	3 Special	1.500	.406	VCFGF		PS-4313
C	1.062	.765	1	1.187	.288	N/BCFJF	B	PS-989
C	1.062	.765	1	1.187	.343	N/BCFJF	B	PS-1016
C	1.062	.765	1	1.250	.406	N/BCFJF	B	PS-810
C	1.062	.765	1	1.250	.406	VCFJF	B	PS-810V-CMS
C	1.062	.812	3	1.250	.406	QCFKF		PS-2206
C	1.062	.812	3	1.250	.406	VCFZF	I	PS-4402
C	1.062	.843	20	Plate	.375	NCPGP		PS-181
C	1.062	.875	—	—	—	BCF-F		PS-933
C	1.062	.875	—	—	—	BCF-F	I	PS-933-P66
C	1.062	.875	—	—	—	VCF-F		PS-933V
C	1.062	.875	3	1.062	.406	VCFKF		PS-7635
C	1.062	.875	1	1.187	.288	BCFJF		PS-1155
C	1.062	.875	1	1.187	.288	BCFKF		PS-493
C	1.062	.875	1	1.187	.288	VCFJF		PS-1155V
C	1.062	.875	1	1.187	.288	VCFKF		PS-493V
C	1.062	.875	1	1.187	.288	VCFZF		PS-1155V-TC-SEAT
C	1.062	.875	1	1.187	.296	BCFLF		PS-3747
C	1.062	.875	1	1.187	.296	QCFLF		PS-2214
C	1.062	.875	1	1.187	.343	BCFJF		PS-118
C	1.062	.875	1	1.187	.343	BCFKF		PS-1154
C	1.062	.875	1	1.187	.343	VCFJF		PS-118V-CMS
C	1.062	.875	1	1.187	.343	VCFJF	I	PS-118V-CMS-P66
C	1.062	.875	3	1.187	.343	BCFJF		PS-536
C	1.062	.875	3	1.187	.343	VCFJF		PS-118V
C	1.062	.875	3	1.250	.312	VCFKF		PS-4442
C	1.062	.875	3	1.250	.375	QCFKF	I	PS-3525
C	1.062	.875	1	1.250	.406	BCFJF		PS-290
C	1.062	.875	1	1.250	.406	BCFJF		PS-359
C	1.062	.875	1	1.250	.406	BCFJF	I	PS-290-P66

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.625 (5/8") (continued)</b>								
C	1.062	.875	1	1.250	.406	BCFJF	I	PS-359-P66
C	1.062	.875	1	1.250	.406	BCFJF	316SS	PS-4272
C	1.062	.875	1	1.250	.406	BCFKF		PS-633
C	1.062	.875	1	1.250	.406	BCFKF		PS-1156
C	1.062	.875	1	1.250	.406	BLFLF		PS-552-SC-SC
C	1.062	.875	1	1.250	.406	BZFZF		PS-633-TC-TC
C	1.062	.875	1	1.250	.406	NCFJF		PS-1079
C	1.062	.875	1	1.250	.406	NCFKF		PS-1080
C	1.062	.875	1	1.250	.406	QCFJF		PS-359-EPR-CMS
C	1.062	.875	1	1.250	.406	QCFJF	I	PS-359-EPR-P66
C	1.062	.875	1	1.250	.406	QCFKF		PS-633-EPR-CMS
C	1.062	.875	1	1.250	.406	QCFZF	I	PS-359-EPR-P66-TC
C	1.062	.875	1	1.250	.406	QLFLF		PS-290-EPR-SC-SC
C	1.062	.875	1	1.250	.406	VCFJF		PS-290V
C	1.062	.875	1	1.250	.406	VCFJF	I	PS-290V-P66
C	1.062	.875	1	1.250	.406	VCFJF		PS-359V-CMS
C	1.062	.875	1	1.250	.406	VCFJF	I	PS-359V-CMS-P66
C	1.062	.875	1	1.250	.406	VCFKF		PS-633V-CMS
C	1.062	.875	1	1.250	.406	VCFLF		PS-359V-SC-CMS
C	1.062	.875	1	1.250	.406	VLFLF		PS-7547
C	1.062	.875	1	1.250	.406	VRFRF		PS-3550
C	1.062	.875	1	1.250	.406	VZFZF		PS-6216
C	1.062	.875	3	1.250	.406	BCFJF		PS-552
C	1.062	.875	3	1.250	.406	BCFKF		PS-732
C	1.062	.875	3	1.250	.406	QCFJF		PS-552-EPR
C	1.062	.875	3	1.250	.406	QCFJF	I	PS-552-EPR-P66
C	1.062	.875	3	1.250	.406	QCFKF		PS-732-EPR
C	1.062	.875	3	1.250	.406	QCFKF	I	PS-732-EPR-P66
C	1.062	.875	3	1.250	.406	VCFJF		PS-359V
C	1.062	.875	3	1.250	.406	VCFJF	I	PS-359V-P66
C	1.062	.875	3	1.250	.406	VCFKF		PS-633V
C	1.062	.875	3	1.250	.406	VCFKF		PS-1156V
C	1.062	.875	3	1.250	.406	VCFKF	I	PS-633V-P66
C	1.062	.875	3	1.250	.406	VCFZF		PS-633V-TC-SEAT
C	1.062	.875	3	1.250	.406	VZFLF		PS-633V-TC-SC
C	1.062	.875	1	1.375	.406	BCFJF		PS-3791
C	1.062	.875	3	1.375	.406	QCFKF		PS-951-EPR
C	1.062	.875	3	1.375	.406	VCFKF		PS-951
C	1.062	.875	3	1.437	.312	QCFJF	I	PS-3723
C	1.062	.875	3	1.437	.312	QCFKF	I	PS-3981
C	1.062	.875	3	1.437	.312	VCFKF	I	PS-7872
C	1.062	.968/1.093	1	1.250	.406	BCFJF		PS-1119
C	1.062	.968/1.093	1	1.250	.406	VCFJF		PS-1119V
C	1.062	1.187	1	1.156	.312	BMFJF	H	PS-800
C	1.062	1.187	1	1.156	.312	V/BMFJF	H	PS-800V
C	1.093	.718	1	1.250	.406	QCFKF	I	PS-4356
C	1.093	.718	1	1.250	.406	QCFKF	I	PS-7689
C	1.187	.875	1	1.375	.406	VCFJF		PS-626
C	1.312	.937	1	1.250	.406	BCFJF	B	PS-1618
C	1.312	.937	1	1.250	.406	V/BCFJF	B	PS-1085
C	1.312	.937	1	1.250	.406	VCFJF	B	PS-1085V
C	1.312	.937	3	1.250	.406	BCFKF	B	PS-2149
D	1.312	.875	—	—	—	BCD-F		PS-109
D	1.312	.875	1	1.187	.288	BCDJF		PS-531

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.625 (5/8") (continued)</b>								
D	1.312	.875	1	1.187	.288	BCDKF		PS-226
D	1.312	.875	1	1.187	.288	BCFKF		PS-2007
D	1.312	.875	1	1.187	.343	BCDKF		PS-263
D	1.312	.875	1	1.187	.343	BCFJF		PS-2004
D	1.312	.875	1	1.187	.343	VCFKF		PS-263V
D	1.312	.875	3	1.187	.343	BCDJF		PS-737
D	1.312	.875	1	1.250	.406	BCDJF		PS-508
D	1.312	.875	1	1.250	.406	BCDKF		PS-102
D	1.312	.875	1	1.250	.406	BCFJF		PS-2000
D	1.312	.875	1	1.250	.406	VCDJF		PS-508V-CMS
D	1.312	.875	1	1.250	.406	VCDJF	I	PS-508V-P66-CMS
D	1.312	.875	3	1.250	.406	BCDJF		PS-735
D	1.312	.875	3	1.250	.406	BCDKF		PS-734
D	1.312	.875	3	1.250	.406	BCFJF		PS-2002
D	1.312	.875	3	1.250	.406	VCDJF		PS-508V
D	1.312	.875	3	1.250	.406	VCDKF		PS-102V
D	1.375	.875	3	1.250	.406	VCFZF		PS-4375
E	1.093	1.312	1	1.187	.288	BCDJF		PS-740
E	1.093	1.312	1	1.187	.288	BCDKF		PS-486
E	1.093	1.312	3	1.187	.288	BCDJF		PS-748
E	1.093	1.312	1	1.187	.343	BCDJF		PS-485
E	1.093	1.312	1	1.187	.343	BCFJF		PS-2020
E	1.093	1.312	1	1.187	.343	BCFKF		PS-2021
E	1.093	1.312	3	1.187	.343	BCFJF		PS-2022
E	1.093	1.312	3	1.187	.343	BCFKF		PS-2023
E	1.093	1.312	2	1.250	.343	BCDKF		PS-1158
E	1.093	1.312	1	1.250	.406	BCDJF		PS-274
E	1.093	1.312	1	1.250	.406	BCDKF		PS-487
E	1.093	1.312	1	1.250	.406	BCFJF		PS-2016
E	1.093	1.312	1	1.250	.406	BCFKF		PS-2017
E	1.093	1.312	3	1.250	.406	BCDJF		PS-739
E	1.093	1.312	3	1.250	.406	BCDV/KF		PS-738
E	1.093	1.312	3	1.250	.406	BCFKF		PS-2015
E	1.093	1.312	3	1.250	.406	VCDJF		PS-274V
G	1.024	.718	1	1.187	.296	QLFLF		PS-6267
G	1.024	.718	1	1.187	.343	BCFJF		PS-4267
G	1.024	.718	1	1.187	.343	VCFJF		PS-3866
G	1.024	.718	1	1.187	.343	VLFLF	316SS	PS-1900
G	1.024	.718	1	1.187	.343	VLFLF	316SS	PS-4165
G	1.024	.718	1	1.250	.406	BCFJF		PS-3006
G	1.024	.718	1	1.250	.406	BCFJF		PS-3960
G	1.024	.718	1	1.250	.406	QCFJF		PS-3586
G	1.024	.718	1	1.250	.406	VCFJF		PS-3867
G	1.024	.718	1	1.250	.406	VCFJF	G	PS-3869
G	1.024	.718	1	1.250	.406	VLFLF		PS-4155
G	1.024	.718	1	1.250	.406	VLFLF		PS-4390
G	1.024	.718	1	1.250	.406	VLFLF	316SS	PS-1901
G	1.024	.718	3	1.250	.406	VCFLF		PS-4059
G	1.024	.718	3	1.250	.406	VLFLF	316SS	PS-3005
G	1.024	.718	31	1.250	—	BCFJF	G	PS-4275
G	1.024	.718	31	1.250	—	VLFLF	316SS/G	PS-1906
G	Special	.718	1	1.371/1.375	.406	VCFJF		PS-4231
G	1.024	.718	1	1.381	.406	VCFJF		PS-4280
G	1.024	.734	1	1.381	.406	BCFJF		PS-3890

**NOTE:** G. MOUNTS IN PLASTIC  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.625 (5/8") (continued)</b>								
G	1.024	.734	1	1.381	.406	VCFLF	316SS	PS-1907
G	1.024	.875	1	1.250	.406	VCFJF		PS-4220
K	1.047	1.030	1	1.178	.156	VCFJF		PS-3885
K	1.062	1.187	—	—	—	BCF-F		PS-678
S	1.312	1.395	8	1.187	.125	NAPSP		PS-795
W	1.187	.750	2	1.250	.406	TLFLF	316SS	PS-9155
W	1.187	.750	2	1.250	.531	TCFKF		PS-9321
W	1.187	.750	3	1.312	.406	HRFRF	316SS	PS-9309
W Special	1.437	.622	2	1.250	.390	TCFJF		PS-3962
WT	1.082	.937	28	1.490	.625	TCFOF		PS-9322
XA	1.400	.615	9	1.062	.520	YCFKF		PS-8104
Special	1.251	.718	1	1.250	.406	QC-J-		PS-5625
Special	1.440	.760	Special	1.110	Special	BMFJF	Unitized	PS-4065
<b>.687 (11/16")</b>								
Q	1.593	.433	9	1.250	.156	Special	A	PS-6308
<b>.750 (3/4")</b>								
A	1.343	.718	—	—	—	BCF-F		PS-974
A	1.343	.718	—	—	—	BMF-F		PS-1522
A	1.343	.718	1	1.375	.281	BCFJF		PS-764
A	1.343	.718	1	1.375	.281	BMFJF		PS-301
A	1.343	.718	1	1.375	.406	BCFJF		PS-851
A	1.343	.718	1	1.375	.406	BCFKF		PS-973
A	1.343	.718	1	1.375	.406	BMFJF		PS-201
A	1.343	.718	1	1.375	.406	BMFKF		PS-921
A	1.343	.718	1	1.375	.406	VCFJF		PS-201V-CMS
A	1.343	.718	1	1.375	.406	VLFLF		PS-1908
A	1.343	.718	1	1.375/1.750	.406	BCFJF		PS-2136
A	1.343	.718	3	1.375	.406	VCFJF		PS-201V
A	1.343	.718	3	1.375	.406	BMFJF		PS-760
A	1.343	.718	3	1.375	.406	BMFKF		PS-762
A	1.343	.718	1	1.437	.406	BCFJF		PS-968
A	1.343	.718	1	1.437	.406	BMFJF		PS-101
A	1.343	.718	1	1.437	.406	VCFJF		PS-101V
A	1.343	.718	1	1.500	.250	BMFJF		PS-1525
B	1.575	.615	—	—	—	BMF-F		PS-647
B	1.575	.615	9	—	.312	BMFJF	A	PS-1622
B	1.575	.615	9	—	.312	BMFKF	A	PS-902
B	1.575	.615	9	—	.312	VMFJF	A	PS-1622V
B	1.575	.615	9	—	.375	BMFKF	A	PS-441
B	1.575	.615	11	—	.437	BMFJF	A	PS-440
B	1.575	.615	9	1.312	.312	BLFLF		PS-4048
B	1.575	.615	1	1.375	.406	BCFJF		PS-3985
B	1.575	.615	1	1.375	.406	BMFJF		PS-601
B	1.575	.615	1	1.375	.406	BMFKF		PS-606
B	1.575	.615	1	1.375	.406	QCFJF		PS-4056
B	1.575	.615	1	1.375	.406	VCFJF		PS-3986
B	1.575	.615	1	1.375	.406	VCFJF		PS-601V-CMS
B	1.575	.615	1	1.375	.406	VLFLF	316SS	PS-1904
B	1.575	.615	3	1.375	.406	BMDKF		PS-766
B	1.575	.615	3	1.375	.406	BMFJF		PS-765
B	1.575	.615	3	1.375	.406	VCFJF		PS-601V
B	1.575	.615	11	1.375	.406	BCFJF		PS-7618
C	1.171	.875	1	1.375	.406	VCFJF		PS-7843

NOTE: A. MOUNTS ON SHAFT

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.750 (3/4") (continued)</b>								
C	1.187	.656	2	1.562	.312	VCFKF		PS-5108
C	1.187	.718	1	1.375	.281	BCFJF		PS-944
C	1.187	.718	1	1.375	.281	QCFJF		PS-944-EPR
C	1.187	.718	1	1.375	.281	VCFJF		PS-944V
C	1.187	.718	1	1.375	.406	BCFJF		PS-877
C	1.187	.718	1	1.375	.406	BCFJF		PS-1125
C	1.187	.718	1	1.375	.406	BCFJF	I	PS-1125-P66
C	1.187	.718	1	1.375	.406	BCFKF		PS-1113
C	1.187	.718	1	1.375	.406	BCFKF		PS-3654
C	1.187	.718	1	1.375	.406	BLFLF		PS-1125-SC-SC
C	1.187	.718	1	1.375	.406	QCFJF		PS-1125-EPR
C	1.187	.718	1	1.375	.406	VCFJF		PS-877V
C	1.187	.718	1	1.375	.406	VCFJF		PS-1093
C	1.187	.718	1	1.375	.406	VCFKF		PS-1092
C	1.187	.718	1	1.375	.406	VZFZF		PS-1092-TC-TC
C	1.187	.718	3	1.375	.406	BCFJF		PS-2236
C	1.187	.718	3	1.375	.406	QCFJF		PS-4229
C	1.187	.718	3	1.375	.406	QCFZF		PS-4229-TC-SEAT
C	1.187	.718	3	1.375	.406	VCFJF		PS-2235
C	1.187	.718	3	1.375	.406	VCFKF		PS-4285
C	1.187	.718	3	1.375	.406	VLZFZ		PS-2235-SC-TC
C	1.187	.718	1	1.437	.406	BCFJF		PS-7514
C	1.187	.843	1	1.375	.406	BCFJF	B	PS-128
C	1.187	.843	3	1.375	.406	VCFJF	B	PS-128V
C	1.187	.875	—	—	—	BCF-F		PS-157
C	1.187	.875	1	1.312	.406	BCFJF		PS-1514
C	1.187	.875	1	1.312	.406	VCFJF		PS-1514V
C	1.187	.875	1	1.375	.281	BCFJF		PS-1510
C	1.187	.875	1	1.375	.281	VCFJF		PS-1510V
C	1.187	.875	1	1.375	.406	BCFJF		PS-358
C	1.187	.875	1	1.375	.406	BCFJF	I	PS-358-P66
C	1.187	.875	1	1.375	.406	BCFKF		PS-112
C	1.187	.875	1	1.375	.406	BCFKF		PS-1160
C	1.187	.875	1	1.375	.406	BCFKF		PS-2229
C	1.187	.875	1	1.375	.406	QCFJF		PS-358-EPR
C	1.187	.875	1	1.375	.406	QCFKF		PS-112-EPR
C	1.187	.875	1	1.375	.406	VCFJF		PS-358V-CMS
C	1.187	.875	1	1.375	.406	VCFJF	I	PS-358V-CMS-P66
C	1.187	.875	1	1.375	.406	VCFKF		PS-112V-CMS
C	1.187	.875	1	1.375	.406	VCFKF	I	PS-2229V-P66
C	1.187	.875	1	1.375	.406	VCFZF		PS-358V-TC-CMS
C	1.187	.875	1	1.375	.406	VLFLF		PS-358V-SC-SC
C	1.187	.875	1	1.375	.406	VLFLF	316SS	PS-7305
C	1.187	.875	1	1.375	.406	VZFZF		PS-358V-TC-TC
C	1.187	.875	3	1.375	.406	BCFJF		PS-767
C	1.187	.875	3	1.375	.406	BCFJF		PS-3916
C	1.187	.875	3	1.375	.406	BCFKF		PS-768
C	1.187	.875	3	1.375	.406	VCFJF		PS-358V
C	1.187	.875	3	1.375	.406	VCFJF	I	PS-358V-P66
C	1.187	.875	3	1.375	.406	VCFKF		PS-112V
C	1.187	.875	1	1.437	.406	BCFJF		PS-7277
C	1.187	.875	1	1.500	.250	BCFJF		PS-683
C	1.187	.906	20	Plate	Plate	NCPGP		PS-182
C	1.187	.920	1	1.375	.406	BCFJF		PS-1754

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.750 (3/4") (continued)</b>								
C	1.187	1.187	1	1.375	.406	BLFLF		PS-3922
C	1.187	1.312	—	—	—	BCF-F		PS-564
C	1.187	1.312	1	1.375	.406	BCFJF		PS-275
C	1.187	1.312	1	1.375	.406	BCFKF		PS-373
C	1.187	1.312	1	1.375	.406	QCFJF		PS-275-EPR
C	1.187	1.312	1	1.375	.406	VCFKF		PS-373V
C	1.187	1.312	3	1.375	.406	BCFJF		PS-771
C	1.187	1.312	3	1.375	.406	BCFKF		PS-773
C	1.187	1.312	3	1.375	.406	VCFJF		PS-275V
D	1.437	.875	—	—	—	BCD-F		PS-399
D	1.437	.875	1	1.275	.281	BCDJF		PS-437
D	1.437	.875	1	1.275	.281	BCDJF	I	PS-437-P66
D	1.437	.875	1	1.275	.281	VCDJF		PS-437V
D	1.437	.875	1	1.275	.281	VCDJF	I	PS-437V-P66
D	1.437	.875	1	1.275	.281	VLDLF		PS-437V-SC-SC
D	1.437	.875	1	1.375	.281	BCDJF		PS-1162
D	1.437	.875	1	1.375	.406	BCDJF		PS-750
D	1.437	.875	1	1.375	.406	BCDJF	I	PS-750-P66
D	1.437	.875	1	1.375	.406	BCDKF		PS-752
D	1.437	.875	1	1.375	.406	QCDJF		PS-750-EPR
D	1.437	.875	1	1.375	.406	BCFJF		PS-2008
D	1.437	.875	1	1.375	.406	BCFKF		PS-2009
D	1.437	.875	1	1.375	.406	VCDJF		PS-750V-CMS
D	1.437	.875	1	1.375	.406	VCDJF	I	PS-750V-CMS-P66
D	1.437	.875	3	1.375	.406	BCDKF		PS-265
D	1.437	.875	3	1.375	.406	BCFJF		PS-2010
D	1.437	.875	3	1.375	.406	VCDJF		PS-750V
D	1.437	.875	3	1.375	.406	VCDKF		PS-752V
D	1.437	.875	1	1.437	.406	BCDJF		PS-1161
D	1.437	1.000	1	1.437	.406	BCDKF		PS-1026
D	1.500	.687	3	1.375	.250	BCPKF		PS-7087
D	1.500	.687	3	1.375	.250	NCPKF		PS-7613
D	1.500	.687	3	1.375	.250	VCPKF		PS-7613V
E	1.218	1.250	3	1.187	.406	VCFKF		PS-7994
E	1.218	1.250	3	1.375	.406	V/BCFJF		PS-2014
E	1.218	1.375	3	1.187	.406	VCPKP		PS-7960
G	1.260	.718	1	1.375	.406	BCFJF		PS-4265
G	1.260	.718	1	1.375	.406	VCFJF		PS-3868
G	1.260	.718	1	1.375	.406	VLFLF	316SS	PS-1902
G	1.260	.718	32	1.375/1.750	.406	VCFJF	G	PS-3870
G	1.260	.718	32	1.375/1.750	.406	BCFJF	G	PS-4274
G	1.260	.875	1	1.275	.281	QLFLF		PS-4024
G	1.535	.787	3	1.375	.406	VCFJF		PS-3788
K	1.187	1.187	—	—	—	BCF-F		PS-145
K	1.187	1.187	1	1.375/1.500	.281/.250	BCFJF		PS-175
K	1.187	1.187	1	1.375	.406	BCFJF		PS-1604
S	1.625	1.953	Special	1.500	.250	NAPSP		PS-792
W	1.312	.875	2	1.375	.375	TCFKF	316SS	PS-3935
W	1.312	.875	2	1.375	.375	TCFKF	316SS	PS-9324
W	1.312	.875	2	1.375	.406	TCFJF	316SS	PS-9339
W Special	1.500	.875	2	1.375	.312	TCFOF	316SS	PS-9325
W Special	1.500	.875	2	1.375	.343	TCFKF	316SS	PS-9323
X	1.312	.875	3	1.375	.406	BLFLF	316SS	PS-8064
X Special	1.312	.875	5	1.375	.406	QCFZF	316SS	PS-8101
Special	1.575	.437	Special	1.334	Special	BLFLF	Unitized	PS-4066

**NOTE:** G. MOUNTS IN PLASTIC  
I. ABRASION RESISTANT CARBON (P66)



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.787 (20MM)</b>								
C	1.375	.781	1	1.500	.406	BCFJF		PS-4042
D	1.562	.937	1	1.500	.406	BCDJF		PS-135
D	1.562	.937	1	1.500	.406	BCDKF		PS-614
D	1.562	.937	3	1.500	.406	VCFKF		PS-614V
<b>.875 (7/8")</b>								
C	1.312	.718	3	1.437	.265	QCFLF	I	PS-3678
C	1.312	.718	3	1.437	.265	VCFKF	I	PS-4017
C	1.312	.718	1	1.500	.406	BCFJF		PS-3907
C	1.312	.812	1	1.437	.265	BCFJF		PS-2167
C	1.312	.812	1	1.437	.265	QCFJF	I	PS-2167-EPR-P66
C	1.312	.812	1	1.437	.265	QCFJF	I	PS-3826
C	1.312	.812	3	1.437	.265	BCFKF		PS-2169
C	1.312	.812	3	1.437	.265	QCFKF	I	PS-2224
C	1.312	.812	3	1.437	.265	VCFKF		PS-2169V
C	1.312	.812	1	1.500	.218	BCFJF		PS-3749
C	1.312	.812	1	1.500	.406	BCFJF		PS-7130
C	1.312	.843	1	1.500	.406	BCFZF		PS-3970
C	1.312	.875	3 Special	1.500	.468	VCFGF		PS-3893
C	1.312	.919	1	1.500	.406	VCFLF		PS-3996
C	1.312	.937	—	—	—	BCF-F		PS-208
C	1.312	.937	—	—	—	VCF-F		PS-208V
C	1.312	.937	—	—	—	VCF-F	I	PS-208V-P66
C	1.312	.937	1	1.437	.265	BCFJF		PS-2166
C	1.312	.937	1	1.437	.265	QCFJF		PS-2166-EPR
C	1.312	.937	1	1.437	.265	VCFJF		PS-2166V
C	1.312	.937	3	1.437	.265	BCFKF		PS-2168
C	1.312	.937	1	1.500	.406	BCELE		PS-4395
C	1.312	.937	1	1.500	.406	BCFJF		PS-309
C	1.312	.937	1	1.500	.406	BCFKF		PS-687
C	1.312	.937	1	1.500	.406	BLFLF		PS-309-SC-SC-CMS
C	1.312	.937	1	1.500	.406	BZFFZ		PS-309-TC-TC-CMS
C	1.312	.937	1	1.500	.406	VCFJF		PS-309V-CMS
C	1.312	.937	1	1.500	.406	VCFJF	I	PS-309V-P66-CMS
C	1.312	.937	1	1.500	.406	VCFKF		PS-687V-CMS
C	1.312	.937	1	1.500	.406	VCFZF		PS-309V-TC-CMS
C	1.312	.937	1	1.500	.406	VLFLF		PS-3941
C	1.312	.937	3	1.500	.406	BCFJF		PS-774
C	1.312	.937	3	1.500	.406	BCFKF		PS-617
C	1.312	.937	3	1.500	.406	VCFJF		PS-309V
C	1.312	.937	3	1.500	.406	VCFJF	I	PS-309V-P66
C	1.312	.937	3	1.500	.406	VCFKF		PS-687V
C	1.312	.937	3	1.500	.406	VLFLF		PS-309V-SC-SC
C	1.312	.937	1	1.562	.406	BCFJF		PS-1163
C	1.312	.937	1	1.562	.406	BCFKF		PS-294
D	1.562	.937	—	—	—	BCD-F		PS-578
D	1.562	.937	3	1.375	.406	BCFKF		PS-2027
D	1.562	.937	3	1.375	.406	QCFZF		PS-2027-EPR-TC-SEAT
D	1.562	.937	1	1.437	.265	BCDJF		PS-790
D	1.562	.937	3	1.437	.265	BCDKF		PS-1681
D	1.562	.937	3	1.437	.265	VCDKF		PS-1681V
D	1.562	.937	1	1.500	.406	BCDJF		PS-703
D	1.562	.937	1	1.500	.406	BCDJF	I	PS-703-P66
D	1.562	.937	1	1.500	.406	BCDKF		PS-303
D	1.562	.937	1	1.500	.406	BCFJF		PS-2024

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.875 (7/8") (continued)</b>								
D	1.562	.937	1	1.500	.406	VCDKF		PS-303V-CMS
D	1.562	.937	1	1.500	.406	VCFJF		PS-703V-CMS
D	1.562	.937	3	1.500	.406	BCDJF		PS-775
D	1.562	.937	3	1.500	.406	BCDKF		PS-250
D	1.562	.937	3	1.500	.406	BCDZF	I	PS-4307
D	1.562	.937	3	1.500	.406	BCFJF		PS-2026
D	1.562	.937	3	1.500	.406	NCFLF		PS-4318
D	1.562	.937	3	1.500	.406	VCDKF		PS-303V
D	1.562	.937	3	1.500	.406	VCFJF		PS-703V
D	1.562	.937	3	1.500	.406	VCFKF		PS-2027V
D	1.562	.937	1	1.562	.406	BCDJF		PS-602
D	1.562	.937	1	1.562	.406	BCDKF		PS-603
D Balanced	1.625	1.250	—	—	—	XCF-F		FA-4408
E	1.406	1.375	—	—	—	BCF-F		PS-936
E	1.406	1.375	3	1.312	.406	VCFKF	316SS	PS-7859V
E	1.406	1.375	1	1.500	.406	BCFJF		PS-188
E	1.406	1.375	1	1.500	.406	BCFKF	316SS	PS-935
E	1.406	1.375	1	1.500	.406	BCFKF		PS-2029
E	1.406	1.375	1	1.500	.406	VCFKF	316SS	PS-935V-CMS
E	1.406	1.375	3	1.500	.406	BCFJF		PS-776
E	1.406	1.375	3	1.500	.406	BCFKF		PS-229
E	1.406	1.375	3	1.500	.406	VCEZE		PS-7896
E	1.406	1.375	3	1.500	.406	VCFJF		PS-188V
E	1.406	1.375	3	1.500	.406	VCFZF	316SS	PS-7992
E	1.406	1.375	3	1.500	.406	VZFLF	316SS	PS-3507
G	1.398	.787	1	1.500	.406	BCFJF	316SS	PS-3009
K	1.281	1.250	—	—	—	BCF-F		PS-197
K	1.281	1.250	1	1.500	.406	BCFJF		PS-892
K	1.281	1.250	1	1.500	.406	BCFKF		PS-878
K	1.281	1.250	3	1.500	.406	VCFJF		PS-892V
R	1.562	1.625	1	1.500	.406	BCDJF		PS-428
R	1.562	1.625	1	1.500	.406	BCDKF		PS-685
X	1.437	.937	3	1.500	.406	BLFLF	316SS	PS-8065
<b>.937 (15/16")</b>								
U	1.437	1.656	2	1.562	.406	BCFKF		PS-560SS
U	1.437	1.656	3	1.562	.406	VCFKF		PS-560V
U	1.437	1.656	3	1.562	.406	BCFGF		PS-845
<b>.970</b>								
C	1.687	1.000	1	1.625	.375	VCFJF		PS-9700
<b>.984 (25MM)</b>								
D	1.812	1.000	1	1.655	.437	VCFKF	I	PS-7918
<b>1.000 (1")</b>								
A	1.687	.812	—	—	—	BCF-F		PS-975
A	1.687	.812	1	1.625	.437	BCFJF		PS-360
A	1.687	.812	1	1.625	.437	BCFKF		PS-370
A	1.687	.812	1	1.625	.437	VCFJF		PS-360V-CMS
A	1.687	.812	3	1.625	.437	BCFJF		PS-777
A	1.687	.812	3	1.625	.437	BCFKF		PS-778
A	1.687	.812	3	1.625	.437	VCFJF		PS-360V
A	1.687	.812	27	1.625	.625	B/VCFJF		PS-405
A	1.687	.812	3	2.000	.406	BCFJF		PS-1086
B	1.625	.874	1	1.625	.437	BCDJF		PS-1619
C	1.437	.750	1	1.625	.437	BCFJF	H	PS-1048
C	1.437	.750	3	1.625	.437	BCFJF	H	PS-1049

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.000 (1") (continued)</b>								
C	1.437	1.562	1	1.625	.437	BCFJF	H	PS-539
C	1.437	1.562	1	1.625	.437	BCFKF	H	PS-779
C	1.437	1.562	1	1.625	.437	VCFKF	H	PS-779V-CMS
C	1.437	1.562	1	1.750	.437	BCFKF	H	PS-5082
C	1.500	.812	1	1.625	.437	BCFJF		PS-5039
C	1.671	1.062	1	1.625	.375	BCFJF		PS-4081
C	1.687	.812	—	—	—	BCF-F		PS-1095
C	1.687	.812	1	1.625	.437	BCFJF		PS-7434
C	1.687	.812	1	1.625	.437	VCFJF		PS-1094
C	1.687	.834	1	1.625	.406	BCFKF		PS-1123
C	1.687	1.000	—	—	—	BCF-F		PS-397
C	1.687	1.000	—	—	—	VCF-F		PS-397V
C	1.687	1.000	3	1.437	.437	BCFJF		PS-2145
C	1.687	1.000	3	1.437	.437	VCFJF		PS-3755
C	1.687	1.000	1	1.625	.437	BCFJF		PS-235
C	1.687	1.000	1	1.625	.437	BCFJF	I	PS-235-P66
C	1.687	1.000	1	1.625	.437	BCFJF	B/H	PS-245
C	1.687	1.000	1	1.625	.437	BCFJF	B/H/I	PS-245-P66
C	1.687	1.000	1	1.625	.437	BCFKF	B/H	PS-248
C	1.687	1.000	1	1.625	.437	BCFKF		PS-357
C	1.687	1.000	1	1.625	.437	BCFZF	B/H	PS-245-TC-SEAT
C	1.687	1.000	1	1.625	.437	BLFLF		PS-235-SC-SC
C	1.687	1.000	1	1.625	.437	BZFZF		PS-2216
C	1.687	1.000	1	1.625	.437	QCFJF		PS-235-EPR
C	1.687	1.000	1	1.625	.437	QCFJF	B/H	PS-245-EPR
C	1.687	1.000	1	1.625	.437	QCFKF	B/H	PS-248-EPR
C	1.687	1.000	1	1.625	.437	QCFZF	I	PS-4379
C	1.687	1.000	1	1.625	.437	VCFJF		PS-235V-CMS
C	1.687	1.000	1	1.625	.437	VCFJF	I	PS-235V-CMS-P66
C	1.687	1.000	1	1.625	.437	VCFJF	B/H	PS-245V-CMS
C	1.687	1.000	1	1.625	.437	VCFKF		PS-357V-CMS
C	1.687	1.000	1	1.625	.437	VCFKF	B/H	PS-248V-CMS
C	1.687	1.000	1	1.625	.437	VLFLF		PS-235V-SC-SC
C	1.687	1.000	1	1.625	.437	VZFZF		PS-2216V-CMS
C	1.687	1.000	3	1.625	.437	BCFJF		PS-548
C	1.687	1.000	3	1.625	.437	BCFKF		PS-499
C	1.687	1.000	3	1.625	.437	QCFKF		PS-499-EPR
C	1.687	1.000	3	1.625	.437	QCFZF		PS-4350
C	1.687	1.000	3	1.625	.437	VCFJF		PS-235V
C	1.687	1.000	3	1.625	.437	VCFJF	I	PS-235V-P66
C	1.687	1.000	3	1.625	.437	VCFJF	B/H	PS-245V
C	1.687	1.000	3	1.625	.437	VCFKF	B/H	PS-248V
C	1.687	1.000	3	1.625	.437	VCFKF		PS-357V
C	1.687	1.000	27	1.625	.625	BCFJF		PS-413
C	1.687	1.000	3	1.750	.437	VCFKF		PS-3619
C	1.687	1.000	3	1.750	.437	VCFKF		PS-7207
C	1.687	1.000	28	2.438	.437	BCFKF		PS-3824
C	1.687	1.000	28	2.438	.437	VCFKF		PS-1034V
C	1.687	1.312	1	1.625	.437	BCFJF	B	PS-4359
C	1.687	1.562	1	1.625	.437	BCFKF		PS-982
C	1.687	1.562	1	1.625	.437	VCFKF		PS-982V-CMS
C	1.687	1.625	1	1.750	.437	BCFKF		PS-2163
C	1.687	1.625	1	1.750	.437	BCFJF		PS-3440

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.000 (1") (continued)</b>								
C	1.687	1.625	1	1.750	.437	V/BCFJF		PS-3440V
C	1.687	1.755	1	1.625	.437	VCFJF	B	PS-4254
C	1.763	1.062	1	1.625	.437	VCFJF		PS-3785
D	1.750	1.000	3	1.625	.312	BCPKF		PS-6328
D	1.750	1.000	3	1.625	.312	BCPLF		PS-6326
D	1.750	1.000	3	1.625	.312	NCPKF		PS-6329
D	1.750	1.000	3	1.625	.312	VCPKF		PS-4137
D	1.750	1.000	3	1.625	.312	VLFZF		PS-4394
D	1.812	1.000	3	1.625	.312	BCPKF		PS-1630
D	1.812	1.000	3	1.625	.312	VCPKF		PS-1630V
D	1.812	1.000	1	1.625	.437	BCDKF	I	PS-3900
D	1.812	1.000	1	1.625	.437	VLFZF		PS-4297
D	1.812	1.000	3	1.625	.437	NCPGP		PS-159
D	1.812	1.000	25	1.625	.500	BCPGP		PS-7991
D	1.812	1.062	—	—	—	BCF-F		PS-398
D	1.812	1.062	1	1.625	.437	BCFJF		PS-380
D	1.812	1.062	1	1.625	.437	BCFKF		PS-460
D	1.812	1.062	1	1.625	.437	BCFKF	I	PS-460-P66
D	1.812	1.062	1	1.625	.437	VCFJF		PS-380V-CMS
D	1.812	1.062	1	1.625	.437	VCFKF		PS-460V-CMS
D	1.812	1.062	3	1.625	.437	BCFJF		PS-2033
D	1.812	1.062	3	1.625	.437	BCFKF		PS-252
D	1.812	1.062	3	1.625	.437	BCFKF	I	PS-252-P66
D	1.812	1.062	3	1.625	.437	QCFKF		PS-252-EPR
D	1.812	1.062	3	1.625	.437	VCFJF		PS-380V
D	1.812	1.062	3	1.625	.437	VCFKF		PS-460V
D	1.812	1.062	1	1.750	.437	BCFJF		PS-2164
D	1.812	1.062	1	1.750	.437	BCFKF		PS-227
D Balanced	1.812	1.312	3	1.500	.406	VCFKF	316SS	PS-4253
D Balanced	1.812	1.312	3	1.500	.406	VCFZF		PS-4255
E	1.500	1.187	3	1.625	.437	BCFKF		PS-251
E	1.500	1.187	3	1.625	.312	VCFKF		PS-3803
E	1.500	1.562	—	—	—	BCF-F		PS-937
E	1.500	1.562	—	—	—	VCF-F		PS-937V
E	1.500	1.562	1	1.625	.437	BCFJF		PS-754
E	1.500	1.562	1	1.625	.437	BCFKF		PS-236
E	1.500	1.562	1	1.625	.437	NCFKF		PS-236N
E	1.500	1.562	1	1.625	.437	VCFJF		PS-754V-CMS
E	1.500	1.562	1	1.625	.437	VCFKF		PS-236V-CMS
E	1.500	1.562	1	1.625	.437	VCFZF		PS-3625
E	1.500	1.562	3	1.625	.437	BCFJF		PS-557
E	1.500	1.562	3	1.625	.437	BCFKF		PS-791
E	1.500	1.562	3	1.625	.437	BCPKF		PS-6331
E	1.500	1.562	3	1.625	.437	QCFZF		PS-791-EPR-TC-SEAT
E	1.500	1.562	3	1.625	.437	QLFLF		PS-4210
E	1.500	1.562	3	1.625	.437	VCFJF		PS-754V
E	1.500	1.562	3	1.625	.437	VCFJF	316SS	PS-3976
E	1.500	1.562	3	1.625	.437	VCFKF		PS-236V
E	1.500	1.562	3	1.625	.437	VCFZF		PS-791V-TC-SEAT
E	1.500	1.562	3	1.625	.437	VCFZF	316SS	PS-4412
E	1.500	1.562	5	1.625	.437	VCFZF		PS-3589
G	1.535	.813	3	1.625	.437	BCFLF		PS-3010
G	1.535	.937	1	1.625	.437	VCFJF	316SS	PS-4195

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.000 (1") (continued)</b>								
K	1.671	1.625	3	1.875	.312	BCFKF		PS-4362
K	1.687	1.000	1	1.625	.437	BCFJF/BLFLF		PS-4301
K	1.687	1.625	1	1.625	.437	BCFJF		PS-879
K	1.687	1.625	1	1.625	.437	BCFKF		PS-891
K	1.687	1.625	1	1.625	.437	BLFZF		PS-879-SC-TC
K	1.687	1.625	1	1.625	.437	VCFJF		PS-3959
Q	1.875	.438	2	1.625	.312	BMDAF		PS-6305
Q	1.875	.438	Special	1.625	.312	BMDJF		PS-6306
Q	1.875	.985	—	—	—	NMDKF	Unitized	PS-3100
Q	1.906	.471	9	—	.421	NMDKF	A	PS-3401
Q	1.925	.885	Special	1.625	.312	BMD/PA/NP		PS-6312
R	1.750	1.875	—	—	—	BCF-F		PS-141
R	1.750	1.875	1	1.625	.437	BCFJF		PS-429
R	1.750	1.875	1	1.625	.437	BCFKF		PS-430
S	1.904	1.906	8	1.750	.250	NAPSP		PS-793
T	1.500	1.968	3	1.625	.312	NCPKF		PS-1631
T	1.500	2.312	1	1.625	.437	BCFJF		PS-276
T	1.500	2.312	1	1.625	.437	BCFKF		PS-277
W	1.562	1.000	2	1.625	.437	TCFKF	316SS	PS-9313
W	1.562	1.000	2	1.625	.437	TCFOF	316SS	PS-9334
W	1.562	1.000	Special	2.156	.656	TCFJF	316SS	PS-9007
W	1.562	1.000	27	2.156	.812	TCFJF	316SS	PS-9018
WT	1.437	1.000	—	—	—	TCF-F	316SS	T9-1000
WT	1.437	1.000	27	2.000	.625	TCFZF	316SS	PS-9349
X	1.562	1.000	3	1.625	.437	VCFRF	316SS	PS-8091
XB2	1.750	1.000	3 Special	1.750	.437	VCFJF	316SS	PS-8020
<b>1.062 (1-1/16")</b>								
C	1.812	1.062	3	1.750	.437	BCFKF		PS-2155
D	1.875	1.062	1	1.750	.437	BCDKF		PS-127
D	1.875	1.062	3	1.750	.437	BCFJF		PS-797
E	1.625	1.593	1	1.750	.437	BCFJF		PS-710
E	1.625	1.593	1	1.750	.437	BCFKF		PS-498
E	1.625	1.593	3	1.750	.437	BCFJF		PS-798
E	1.625	1.593	3	1.750	.437	BCFKF		PS-799
W	1.625	1.000	27	1.812	.437	TCFKF	316SS	PS-9338
<b>1.125 (1-1/8")</b>								
C	1.625	1.031	Plate	2.875	.375	BCFGF		PS-5138
C	1.812	1.062	—	—	—	BCF-F		PS-348
C	1.812	1.062	—	—	—	VCF-F		PS-348V
C	1.812	1.062	1	1.750	.437	BCFJF		PS-356
C	1.812	1.062	1	1.750	.437	BCFJF	I	PS-356-P66
C	1.812	1.062	1	1.750	.437	BCFJF	B	PS-627
C	1.812	1.062	1	1.750	.437	BCFJF	B	PS-1682
C	1.812	1.062	1	1.750	.437	BCFKF		PS-355
C	1.812	1.062	1	1.750	.437	BCFKF	I	PS-355-P66
C	1.812	1.062	1	1.750	.437	BCFKF	B	PS-1167
C	1.812	1.062	1	1.750	.437	BCFLF		PS-4443
C	1.812	1.062	1	1.750	.437	BLFLF		PS-355-SC-SC
C	1.812	1.062	1	1.750	.437	BLFZF		PS-356-SC-TC
C	1.812	1.062	1	1.750	.437	QCFJF		PS-356-EPR
C	1.812	1.062	1	1.750	.437	QCFJF	I	PS-356-EPR-P66
C	1.812	1.062	1	1.750	.437	QCFLF	I	PS-3965
C	1.812	1.062	1	1.750	.437	QCFZF	I	PS-7325
C	1.812	1.062	1	1.750	.437	VCEZE		PS-4295

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.125 (1-1/8") (continued)</b>								
C	1.812	1.062	1	1.750	.437	VCFJF		PS-356V-CMS
C	1.812	1.062	1	1.750	.437	VCFJF	I	PS-356V-CMS-P66
C	1.812	1.062	1	1.750	.437	VCFKF		PS-355V-CMS
C	1.812	1.062	1	1.750	.437	VCFKF	I	PS-4047
C	1.812	1.062	1	1.750	.437	VLFLF		PS-356V-SC-SC
C	1.812	1.062	2	1.750	.437	BCFKF		PS-3833
C	1.812	1.062	3	1.750	.437	BCFJF		PS-801
C	1.812	1.062	3	1.750	.437	BCFKF		PS-529
C	1.812	1.062	3	1.750	.437	BCFKF	B	PS-588
C	1.812	1.062	3	1.750	.437	QCFKF		PS-529-EPR
C	1.812	1.062	3	1.750	.437	QCFKF	I	PS-529-EPR-P66
C	1.812	1.062	3	1.750	.437	QCFZF	I	PS-2226
C	1.812	1.062	3	1.750	.437	VCFJF		PS-356V
C	1.812	1.062	3	1.750	.437	VCFKF		PS-355V
C	1.812	1.062	3	1.750	.437	VCFLF		PS-355V-SC-SEAT
C	1.812	1.062	3	1.750	.437	VCFLF	I	PS-529V-SC-P66
C	1.812	1.562	1	1.750	.437	BCFJF		PS-2227
C	1.812	1.562	1	1.750	.437	BCFKF		PS-983
C	1.812	1.562	3	1.750	.437	VCFKF		PS-983V
D	1.875	1.062	1	1.750	.437	BCFJF		PS-604
D	1.875	1.062	1	1.750	.437	BCFKF		PS-605
D	1.875	1.062	1	1.750	.437	QCFJF		PS-604-EPR
D	1.875	1.062	1	1.750	.437	VCFJF		PS-604V-CMS
D	1.875	1.062	1	1.750	.437	VCFKF	I	PS-3918
D	1.875	1.062	3	1.750	.437	BCFJF		PS-802
D	1.875	1.062	3	1.750	.437	BCFKF		PS-254
D	1.875	1.062	3	1.750	.437	VCFKF		PS-605V
D	1.875	1.062	1	1.875	.437	BCFKF		PS-521
D	1.937	1.062	1	1.750	.437	BLFZF		PS-4223
D	1.937	1.062	3	1.750	.437	VCFZF	I	PS-3712
E	1.625	1.187	3	1.750	.437	BCFKF		PS-253
E	1.625	1.625	—	—	—	BCF-F		FA-607
E	1.625	1.625	—	—	—	VCF-F		FA-608V
E	1.625	1.625	1	1.687	.437	BCFJF		PS-607
E	1.625	1.625	1	1.687	.437	BCFKF		PS-608
E	1.625	1.625	1	1.687	.437	VCFJF		PS-607V
E	1.625	1.625	1	1.750	.437	BCFJF		PS-204
E	1.625	1.625	1	1.750	.437	BCFJF	I	PS-204-P66
E	1.625	1.625	1	1.750	.437	BCFKF		PS-384
E	1.625	1.625	1	1.750	.437	QCFJF		PS-204-EPR
E	1.625	1.625	1	1.750	.437	VCFJF	I	PS-204V-CMS-P66
E	1.625	1.625	3	1.750	.437	BCFJF		PS-866
E	1.625	1.625	3	1.750	.437	BCFKF		PS-867
E	1.625	1.625	3	1.750	.437	QCFJF	316SS	PS-4421
E	1.625	1.625	3	1.750	.437	QCFKF		PS-867-EPR
E	1.625	1.625	3	1.750	.437	QCFKF	I	PS-885-EPR-P66
E	1.625	1.625	3	1.750	.437	VCFJF		PS-204V
E	1.625	1.625	3	1.750	.437	VCFKF		PS-867V
E	1.625	1.625	3	1.750	.437	VCFLF		PS-4300
E	1.625	1.625	3	1.750	.437	VCFZF		PS-867V-TC-SEAT
E	1.625	1.625	3	1.812	.437	BCFJF		PS-1172
E	1.625	1.625	3	1.812	.437	BCFKF		PS-1173
E	1.625	1.625	3	1.812	.437	BCFKF		PS-948
E	1.625	1.625	3	1.812	.437	BCFZF		PS-1668
E	1.625	1.625	3	1.812	.437	B/VCFJF		PS-1636

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.125 (1-1/8") (continued)</b>								
E	1.625	1.625	3	1.812	.437	B/VCFKF		PS-1637
E	1.625	1.625	3	1.812	.437	VCFJF		PS-1172V
E	1.625	1.625	3	1.812	.437	VCFKF		PS-1639V
E	1.625	1.625	1	1.875	.437	BCFKF		PS-1067
E	1.625	2.000	3	1.812	.437	BCFJF		PS-619
E	1.625	2.000	3	1.812	.437	VCFJF		PS-619V
E	1.937	1.333	2	2.000	.375	BCPKF		PS-7967
E	1.937	1.333	3	2.000	.375	NCPGF		PS-3653
E	1.937	1.333	2	2.000	.375	VCPKF		PS-6334
G	1.654	1.024	1	1.750	.437	BLFLF		PS-4425
G	1.654	1.024	1	1.750	.437	BLFLF	316SS	PS-3012
G	1.654	1.062	25	1.750	.437	VCFLF	316SS	PS-3013
K	1.812	1.625	—	—	—	BCF-F		PS-215
K	1.812	1.625	1	1.750	.437	BCFJF		PS-1176
K	1.812	1.625	1	1.750	.437	BCFKF		PS-1177
K	1.812	1.625	1	1.750	.437	VL/CFL/JF		PS-4177
Q	1.578	.402	9	1.578	.234	VMFAF		PS-6318
Special	1.875	1.109	3	1.625	.312	BCPKP		PS-3731
T	1.625	2.125	3	1.750	.437	VCFJF		PS-3511
T	1.625	2.375	3	1.750	.437	BCFJF		PS-886
T	1.625	2.375	3	1.750	.437	BCFKF		PS-918
T	1.625	2.375	3	1.812	.437	BCFJF		PS-1178
U	1.625	1.688	3	1.750	.437	BCFKF		PS-282
XB2	1.875	1.000	27	2.375	1.000	VCFJF	316SS	PS-8006
W	1.687	1.062	28	2.354	.752	TCFKF	316SS	PS-9328
W	1.687	1.062	28	2.354	.752	Special	316SS	PS-9329
W	1.692	1.062	2	2.000	.484	TCFKF	316SS	PS-7232
W	1.692	1.062	2	2.000	.484	TCFOF	316SS	PS-9327
WT	1.562	1.000	—	—	—	TCF-F	316SS	T9-1125
<b>1.181 (30MM)</b>								
D	2.000	1.062	1	1.875	.437	BCDJF		PS-136
D	2.000	1.062	1	1.875	.437	BCDKF		PS-1179
D	2.000	1.062	1	1.875	.437	BCDKF	I	PS-1179-P66
D	2.000	1.062	1	1.875	.437	VCDKF		PS-1179V
D	2.000	1.062	1	1.875	.437	VCDKF	I	PS-1179V-P66
D	2.000	1.062	3	1.875	.437	VCDJF		PS-136V
D	2.000	1.062	1	1.875	.437	VCFZF	I	PS-3938
<b>1.187 (1-3/16")</b>								
C	1.937	1.062	1	1.875	.437	BCFJF		PS-6812
C	1.937	1.062	1	1.875	.437	BCFKF		PS-2162
C	1.937	1.062	28	2.834	.500	BCFKF		PS-1044
C	1.937	1.062	28	2.834	.500	VCFKF		PS-1044V
D	2.062	1.000	1	1.875	.437	NCPJP		PS-297
D	2.062	1.062	3	1.875	.437	NCDKD		PS-4298
E	1.812	1.187	1	1.875	.437	BCDJF		PS-306
E	1.812	1.187	1	1.875	.437	BCDKF		PS-1180
E	1.812	1.187	3	1.875	.437	BCDKF		PS-255
E	1.812	1.187	3	1.875	.437	VCFJF		PS-306V
E	1.812	1.625	1	1.875	.437	BCDJF		PS-310
E	1.812	1.625	1	1.875	.437	BCDKF		PS-343
T	1.812	2.375	1	1.875	.437	BCDJF		PS-723
T	1.812	2.375	1	1.875	.437	BCDKF		PS-724
T	1.812	2.375	1	1.875	.437	VCDJF		PS-723V-CMS
X Balanced	1.687	1.125	3	1.687	.437	Special		PS-8074

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.250 (1-1/4")</b>								
C	1.812	.937	1	1.750	.437	BCFJF		PS-4302
C	1.921	1.062	1	1.875	.437	VCFLF	316SS	PS-3538
C	1.937	.906	3 Special	1.875	.437	VCFGF		PS-3945
C	1.937	1.062	—	—	—	BCF-F		PS-154
C	1.937	1.062	—	—	—	VCF-F		PS-154V
C	1.937	1.062	1	1.750	.365	BCFJF	B	PS-3029
C	1.937	1.062	1	1.750	.365	BCFJF	B/I	PS-978-P66
C	1.937	1.062	1	1.750	.365	BCFKF	B	PS-979
C	1.937	1.062	1	1.750	.365	BCFKF	B/I	PS-979-P66
C	1.937	1.062	1	1.750	.365	QCFKF	B	PS-979-EPR
C	1.937	1.062	1	1.750	.365	QRFLF		PS-4204
C	1.937	1.062	1	1.750	.365	VCFKF	B	PS-979V
C	1.937	1.062	1	1.750	.365	VCFKF	B/I	PS-979V-P66
C	1.937	1.062	1	1.765	.365	BCFJF	B	PS-978
C	1.937	1.062	1	1.765	.365	BCFZF	B	PS-978-TC-SEAT
C	1.937	1.062	1	1.765	.365	BLFZF	B	PS-978-SC-TC
C	1.937	1.062	1	1.765	.365	QCFJF	B	PS-978-EPR
C	1.937	1.062	1	1.765	.365	QCFJF	B/I	PS-978-EPR-P66
C	1.937	1.062	1	1.765	.365	QCFZF	B	PS-978-EPR-TC
C	1.937	1.062	1	1.765	.365	QLFLF	B	PS-978-EPR-SC-SC
C	1.937	1.062	1	1.765	.365	VCFJF	B	PS-978V
C	1.937	1.062	1	1.765	.365	VCFJF	B/I	PS-978V-P66
C	1.937	1.062	1	1.765	.365	VCFLF	B/I	PS-978V-SC-P66
C	1.937	1.062	1	1.765	.365	VCFZF	B/I	PS-978V-P66-TC
C	1.937	1.062	1	1.765	.365	VLFLF	B	PS-978V-SC-SC
C	1.937	1.062	1	1.765	.365	VRFJF	B	PS-978V-P90
C	1.937	1.062	1	1.875	.437	BCEJE		PS-3933
C	1.937	1.062	1	1.875	.437	BCFJF		PS-185
C	1.937	1.062	1	1.875	.437	BCFJF	I	PS-185-P66
C	1.937	1.062	1	1.875	.437	BCFJF	B/H	PS-246
C	1.937	1.062	1	1.875	.437	BCFKF	B/H	PS-249
C	1.937	1.062	1	1.875	.437	BCFKF		PS-756
C	1.937	1.062	1	1.875	.437	BCFKF	I	PS-756-P66
C	1.937	1.062	1	1.875	.437	BCFZF		PS-185-TC-SEAT
C	1.937	1.062	1	1.875	.437	BLFLF		PS-185-SC-SC
C	1.937	1.062	1	1.875	.437	BRFLF		PS-4211
C	1.937	1.062	1	1.875	.437	BZFZF		PS-2208
C	1.937	1.062	1	1.875	.437	NCFJF		PS-1081
C	1.937	1.062	1	1.875	.437	NCFKF		PS-1082
C	1.937	1.062	1	1.875	.437	QCFJF		PS-185-EPR
C	1.937	1.062	1	1.875	.437	QCFJF	I	PS-185-EPR-P66
C	1.937	1.062	1	1.875	.437	QCFKF		PS-756-EPR
C	1.937	1.062	1	1.875	.437	QCFKF	I	PS-2203-CMS
C	1.937	1.062	1	1.875	.437	QCFLF		PS-185E-SC-CMS
C	1.937	1.062	1	1.875	.437	VCFJF		PS-185V-CMS
C	1.937	1.062	1	1.875	.437	VCFJF	I	PS-185V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFJF	B/H	PS-246V-CMS
C	1.937	1.062	1	1.875	.437	VCFJF	B/H/I	PS-246V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFJF	316SS	PS-3886
C	1.937	1.062	1	1.875	.437	VCFKF	B/H	PS-249V-CMS
C	1.937	1.062	1	1.875	.437	VCFKF		PS-756V-CMS
C	1.937	1.062	1	1.875	.437	VCFKF	I	PS-756V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFLF		PS-185V-SC-SEAT
C	1.937	1.062	1	1.875	.437	VCFZF		PS-185V-TC-SEAT
C	1.937	1.062	1	1.875	.437	VCFZF	316SS	PS-4176

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.250 (1-1/4") (continued)</b>								
C	1.937	1.062	1	1.875	.437	VLFLF	316SS	PS-4150
C	1.937	1.062	1	1.875	.437	VLFLF		PS-185V-SC-SC
C	1.937	1.062	1	1.875	.437	VLZZF		PS-185V-SC-TC
C	1.937	1.062	1	1.875	.437	VZFLF		PS-185V-TC-SC
C	1.937	1.062	1	1.875	.437	VZZFZ		PS-185V-TC-TC
C	1.937	1.062	3	1.875	.437	BCFGF		PS-4152
C	1.937	1.062	3	1.875	.437	BCFJF		PS-618
C	1.937	1.062	3	1.875	.437	BCFKF	B	PS-525
C	1.937	1.062	3	1.875	.437	BCFKF		PS-598
C	1.937	1.062	3	1.875	.437	BCFLF		PS-598-SC-SEAT
C	1.937	1.062	3	1.875	.437	BCFZF		PS-598-TC-SEAT
C	1.937	1.062	3	1.875	.437	BLFLF		PS-598-SC-SC
C	1.937	1.062	3	1.875	.437	B/VCFKF		PS-1053
C	1.937	1.062	3	1.875	.437	BZFZF		PS-618-TC-TC
C	1.937	1.062	3	1.875	.437	QCFJF	I	PS-618-EPR-P66
C	1.937	1.062	3	1.875	.437	QCFKF		PS-598-EPR
C	1.937	1.062	3	1.875	.437	QCFKF	I	PS-2203
C	1.937	1.062	3	1.875	.437	QCFLF		PS-185-EPR-SC
C	1.937	1.062	3	1.875	.437	QCFZF		PS-185-EPR-TC
C	1.937	1.062	3	1.875	.437	QCFZF	I	PS-7436
C	1.937	1.062	3	1.875	.437	VCFJF		PS-185V
C	1.937	1.062	3	1.875	.437	VCFJF	I	PS-185V-P66
C	1.937	1.062	3	1.875	.437	VCFJF	B/H	PS-246V
C	1.937	1.062	3	1.875	.437	VCFKF	B/H	PS-249V
C	1.937	1.062	3	1.875	.437	VCFKF		PS-756V
C	1.937	1.062	3	1.875	.437	VCFKF	I	PS-756V-P66
C	1.937	1.062	3	1.875	.437	VCFLF		PS-756V-SC-SEAT
C	1.937	1.062	3	1.875	.437	VCFZF		PS-618V-TC-SEAT
C	1.937	1.062	3	1.875	.437	VLZZF		PS-756V-SC-TC
C	1.937	1.062	3	1.875	.437	VRFLF		PS-3940
C	1.937	1.062	3 Special	1.875	.437	VCFKF		PS-7938
C	1.937	1.062	1	2.000	.437	BCFJF		PS-466
C	1.937	1.062	1	2.000	.437	BCFJF	I	PS-466-P66
C	1.937	1.062	1	2.000	.437	BCFKF		PS-1018-CMS
C	1.937	1.062	1	2.000	.437	BLFLF		PS-466-SC-SC
C	1.937	1.062	1	2.000	.437	VCFJF		PS-466V
C	1.937	1.062	1	2.000	.437	VCFJF	I	PS-466V-P66
C	1.937	1.062	1	2.000	.437	VCFJF	316SS	PS-4131
C	1.937	1.062	1	2.000	.437	VCFLF		PS-466V-SC-SEAT
C	1.937	1.062	3	2.000	.437	BCFJF		PS-2230
C	1.937	1.062	3	2.000	.437	BCFJF	I	PS-7343
C	1.937	1.062	3	2.000	.437	BCFKF		PS-1018
C	1.937	1.062	3	2.000	.437	BCFKF	I	PS-1018-P66
C	1.937	1.062	3	2.000	.437	BLFLF		PS-1018-SC-SC
C	1.937	1.062	3	2.000	.437	QCFKF		PS-1018-EPR
C	1.937	1.062	3	2.000	.437	QCFKF	I	PS-1018-EPR-P66
C	1.937	1.062	3	2.000	.437	VCFJF		PS-2230V
C	1.937	1.062	3	2.000	.437	VCFKF	I	PS-2200
C	1.937	1.062	3	2.000	.437	VCFKF		PS-1018V
C	1.937	1.062	28	2.835	.660	BCFKF		PS-1036
C	1.937	1.062	28	2.835	.660	VCFKF		PS-1036V
C	1.937	1.250	25	2.250	.625	BCFJF	B	PS-923
C	1.937	1.250	25	2.250	.625	QCFJF	B	PS-923-EPR
C	1.937	1.250	25	2.250	.625	VCFJF	B	PS-923V

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.250 (1-1/4") (continued)</b>								
C	1.937	1.625	1	1.875	.437	BCFJF		PS-2122
C	1.937	1.625	1	1.875	.437	BCFJF	I	PS-2122-P66
C	1.937	1.625	1	1.875	.437	BCFJF	316SS/I	PS-7908
C	1.937	1.625	1	1.875	.437	BCFKF		PS-2123
C	1.937	1.625	1	1.875	.437	BCFKF	I	PS-2123-P66
C	1.937	1.625	1	1.875	.437	BRFJF		PS-4247
C	1.937	1.625	1	1.875	.437	NCFJF		PS-1083
C	1.937	1.625	1	1.875	.437	NCFKF		PS-1084
C	1.937	1.625	1	1.875	.437	NCFZF		PS-1084-TC-SEAT
C	1.937	1.625	1	1.875	.437	QCFJF	I	PS-2215
C	1.937	1.625	1	1.875	.437	QLFLF		PS-4053
C	1.937	1.625	1	1.875	.437	VCFJF		PS-2122V-CMS
C	1.937	1.625	1	1.875	.437	VCFKF		PS-2123V-CMS
C	1.937	1.625	1	1.875	.437	VCFZF		PS-2123V-TC-CMS
C	1.937	1.625	1	1.875	.437	VLFLF		PS-7805
C	1.937	1.625	1	1.875	.437	VRFJF		PS-3829
C	1.937	1.625	1	1.875	.437	VZFLF		PS-2122V-TC-SC-CMS
C	1.937	1.625	3	1.875	.437	BCFJF		PS-1109-CER
C	1.937	1.625	3	1.875	.437	BCFKF		PS-1109
C	1.937	1.625	3	1.875	.437	BCFKF	I	PS-1109-P66
C	1.937	1.625	3	1.875	.437	QCFKF		PS-1109-EPR
C	1.937	1.625	3	1.875	.437	QCFLF	I	PS-4336
C	1.937	1.625	3	1.875	.437	VCFJF		PS-2122V
C	1.937	1.625	3	1.875	.437	VCFKF		PS-1109V
D	2.000	.875	3	1.875	.375	BCPKF		PS-6337
D	2.000	1.000	3	1.875	.375	BCPKF		PS-6339
D	2.000	1.000	3	1.875	.375	NCPKF		PS-1632
D	2.000	1.000	3	1.875	.375	NCPKF		PS-3934
D	2.000	1.000	3	1.875	.375	VCPKF		PS-1632V
D	2.000	1.000	3	1.875	.437	BCFKF		PS-981
D	2.000	1.000	3	1.937	.437	BCFKF		PS-326
D	2.000	1.000	3	1.937	.437	VCFKF		PS-326V
D	2.000	1.031	3	1.875	.437	NCPKF		PS-1128
D	2.000	1.062	—	—	—	BCF-F		PS-416
D	2.000	1.062	1	1.750	.365	BCFKF		PS-977
D	2.000	1.062	1	1.765	.365	BCFJF		PS-976
D	2.000	1.062	1	1.765	.365	VCFJF		PS-976V
D	2.000	1.062	2	1.875	.187	VCPFP		PS-6036
D	2.000	1.062	1	1.875	.437	BCFJF		PS-381
D	2.000	1.062	1	1.875	.437	BCFJF	I	PS-381-P66
D	2.000	1.062	1	1.875	.437	BCFKF		PS-383
D	2.000	1.062	1	1.875	.437	BLFLF		PS-381-SC-SC
D	2.000	1.062	1	1.875	.437	NCFJF		PS-381-NEO
D	2.000	1.062	1	1.875	.437	QCFJF		PS-381-EPR
D	2.000	1.062	1	1.875	.437	QCFLF	I	PS-3023
D	2.000	1.062	1	1.875	.437	QLFLF		PS-3555
D	2.000	1.062	1	1.875	.437	VCFJF		PS-381V-CMS
D	2.000	1.062	3	1.875	.437	BCDLF		PS-4246
D	2.000	1.062	3	1.875	.437	BCFJF		PS-804
D	2.000	1.062	3	1.875	.437	BCFKF		PS-517
D	2.000	1.062	3	1.875	.437	BCFZF		PS-517-TC-SEAT
D	2.000	1.062	3	1.875	.437	VCFJF		PS-381V
D	2.000	1.062	3	1.875	.437	VCFKF		PS-383V
D	2.000	1.062	3	1.875	.437	VCFLF	I	PS-4071

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.250 (1-1/4") (continued)</b>								
D	2.000	1.062	3	1.875	.437	VCFLF		PS-4073
D	2.000	1.062	3	1.875	.437	VLFLF		PS-4431
D	2.000	1.062	1	2.000	.437	BCFJF		PS-510
D	2.062	1.062	25	2.250	.625	BCFJF		PS-416A
Special	2.312	1.187	3	1.875	.437	NCPKF		PS-8049
E	1.812	1.187	1	1.875	.437	QCFLF	316SS	PS-3528
E	1.812	1.187	3	1.875	.437	BCFKF		PS-256
E	1.812	1.625	—	—	—	BCF-F		PS-1015
E	1.812	1.625	1	1.875	.437	BCFJF		PS-361
E	1.812	1.625	1	1.875	.437	BCFJF	I	PS-361-P66
E	1.812	1.625	1	1.875	.437	BCFKF		PS-137
E	1.812	1.625	1	1.875	.437	BCFZF		PS-4428
E	1.812	1.625	1	1.875	.437	BLFLF		PS-361-SC-SC
E	1.812	1.625	1	1.875	.437	BLFZF		PS-361-SC-TC
E	1.812	1.625	1	1.875	.437	NCPJP		PS-1185
E	1.812	1.625	1	1.875	.437	NCPKP		PS-108
E	1.812	1.625	1	1.875	.437	QCFJF		PS-361-EPR
E	1.812	1.625	1	1.875	.437	QCFJF	I	PS-361-EPR-P66
E	1.812	1.625	1	1.875	.437	QCFKF		PS-3872
E	1.812	1.625	1	1.875	.437	QCFLF	316SS	PS-3515
E	1.812	1.625	1	1.875	.437	VCFJF		PS-361V-CMS
E	1.812	1.625	1	1.875	.437	VCFJF	I	PS-361V-CMS-P66
E	1.812	1.625	1	1.875	.437	VCFKF		PS-137V-CMS
E	1.812	1.625	1	1.875	.437	VLFZF		PS-361V-SC-TC-CMS
E	1.812	1.625	3	1.875	.437	BCFJF		PS-546
E	1.812	1.625	3	1.875	.437	BCFKF		PS-264
E	1.812	1.625	3	1.875	.437	BCFKF	I	PS-264-P66
E	1.812	1.625	3	1.875	.437	B/VCFZF	I	PS-264-TC-P66
E	1.812	1.625	3	1.875	.437	QCFLF		PS-4306
E	1.812	1.625	3	1.875	.437	QCFZF	I	PS-7769
E	1.812	1.625	3	1.875	.437	VCFJF		PS-361V
E	1.812	1.625	3	1.875	.437	VCFJF	I	PS-361V-P66
E	1.812	1.625	3	1.875	.437	VCFKF		PS-137V
E	1.812	1.625	3	1.875	.437	VCFKF	I	PS-137V-P66
E	1.812	1.062	3	1.875	.437	VCFLF	316SS	PS-4049
E	1.812	1.625	3	1.875	.437	VLFLF		PS-264V-SC-SC
E	1.812	1.625	1	2.000	.437	BCFJF	I	PS-6802
E	1.812	1.625	1	2.000	.437	BCFKF		PS-1186
E	1.812	1.625	1	2.000	.437	VCFZF	I	PS-3638
E	1.812	2.281	3	1.875	.437	BCFJF		PS-2128
E	1.812	2.281	3	1.875	.437	BCFKF		PS-2129
E	1.812	2.281	3	1.875	.437	VCFKF		PS-2129V
E	1.812	2.281	3	1.875	.437	VCFZF	I	PS-7719
G	1.811	1.024	1	1.875	.437	BCFJF		PS-3883
G	1.811	1.024	1	1.875	.437	VLFLF		PS-6265
G	1.811	1.062	1	1.875	.437	BLFLF		PS-7972
G	1.811	1.062	1	1.875	.437	QCFJF	316SS/I	PS-6261
G	1.811	1.062	1	1.875	.437	QCFZF	316SS/I	PS-6260
G	1.811	1.062	1	1.875	.437	VCFJF	316SS	PS-6259
G	1.811	1.062	1	1.875	.437	VCFJF	316SS/I	PS-6264
G	1.811	1.062	3	1.875	.437	BCFLF	316SS	PS-6266
K	1.923	1.734	1	1.875	.437	VLFLF		PS-4179
K	1.937	1.625	—	—	—	BCF-F		PS-169
K	1.937	1.625	1	1.875	.437	B/HCFJF		PS-1118

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.250 (1-1/4") (continued)</b>								
K	1.937	1.625	1	1.875	.437	VCFKF		PS-228V-CMS
K	1.937	1.625	3	1.875	.437	BCFJF	316SS	PS-6229
K	1.937	1.625	3	1.875	.437	BCFKF		PS-228
K	1.937	1.625	3	1.875	.437	VCFKF		PS-228V
K	1.937	1.625	3	1.875	.437	VCFKF	I	PS-228V-P66
K	1.937	1.750	1	1.875	.437	BCFJF		PS-883
K	1.937	1.750	1	1.875	.437	BZ/CFZ/JF		PS-7323
K	1.937	1.750	1	1.875	.437	VCFJF		PS-883V-CMS
K	1.937	1.875	1	1.875	.437	BCFKF		PS-890
K	1.937	1.875	1	1.875	.437	BLFLF		PS-4305
K	1.937	2.000	3	2.125	.375	BCFJ/KF		PS-1623
S	2.296	2.218	8	2.125	.281	NAPSP		PS-794
T	1.812	1.937	3	2.000	.312	BCKFK		PS-4377
T	1.812	2.375	1	1.875	.437	BCFJF		PS-1187
T	1.812	2.375	3	1.875	.437	BCFJF		PS-2211
T	1.812	2.375	3	1.875	.437	NAFGF		PS-3607
T	1.812	2.375	3	1.875	.437	NCFGF	I	PS-4197
T	1.812	2.375	3	1.875	.437	NCPKP		PS-308
U	1.750	1.625	2	1.875	.437	BCPKF		PS-3973
U	1.750	1.625	2	1.875	.500	BCPGF		PS-4385
U	1.750	1.625	3	1.875	.437	BCF/DKF		PS-394
U	1.750	2.406	1	1.875	.437	BCD/FJF		PS-681
WT	1.687	1.000	2	1.875	.359	TCFOF	316SS	PS-3611
WT	1.687	1.000	2	2.343	.375	TCFKF	316SS	PS-9003
X	1.875	1.062	28	2.832	.665	VCFKF	316SS	PS-8073
XB2	2.000	1.000	27	2.606	.960	VCFLF	316SS / I	PS-8095
<b>1.375 (1-3/8")</b>								
C	1.886	.850	3	2.000	.250	BCFKF		PS-5074
C	1.937	.925	2	2.187	.375	B/VCFJF	316SS	PS-5676
C	1.937	.925	2	2.187	.375	B/VCFKF	316SS	PS-5711
C	1.937	.925	2	2.187	.375	VCFJF	316SS	PS-5676V
C	2.046	.850	3	2.000	.250	VCFGF		PS-6180
C	2.062	.900	25	2.000	.500	BCFJF		PS-929
C	2.062	.906	3 Special	2.000	.437	VCFGF		PS-3584
C	2.062	1.125	—	—	—	BCF-F		PS-172
C	2.062	1.125	—	—	—	BCF-F	I	PS-172-P66
C	2.062	1.125	—	—	—	NFF-F		PS-3730
C	2.062	1.125	—	—	—	QCF-F	I	PS-172-EPR-P66
C	2.062	1.125	—	—	—	VCF-F		PS-172V
C	2.062	1.125	—	—	—	VLF-F		PS-172V-SC
C	2.062	1.125	1	2.000	.437	BCFJF		PS-177
C	2.062	1.125	1	2.000	.437	BCFJF	I	PS-177-P66
C	2.062	1.125	1	2.000	.437	BCFKF		PS-210
C	2.062	1.125	1	2.000	.437	BCFZF		PS-210-TC-SEAT
C	2.062	1.125	1	2.000	.437	BLFZF		PS-177-SC-TC-CMS
C	2.062	1.125	1	2.000	.437	QCFJF		PS-177-EPR
C	2.062	1.125	1	2.000	.437	VCFJF		PS-177V-CMS
C	2.062	1.125	1	2.000	.437	VCFJF	I	PS-177V-CMS-P66
C	2.062	1.125	1	2.000	.437	VCFKF		PS-210V-CMS
C	2.062	1.125	1	2.000	.437	VCFLF		PS-177V-SC-SEAT
C	2.062	1.125	1	2.000	.437	VCFZF		PS-210V-TC-SEAT
C	2.062	1.125	1	2.000	.437	VLFLF		PS-177V-SC-SC
C	2.062	1.125	1	2.000	.437	VZFZF		PS-210V-TC-TC
C	2.062	1.125	3	2.000	.437	BCFJF		PS-805
C	2.062	1.125	3	2.000	.437	BCFJF	I	PS-805-P66

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.375 (1-3/8") (continued)</b>								
C	2.062	1.125	3	2.000	.437	BCFKF		PS-547
C	2.062	1.125	3	2.000	.437	BCFKF	I	PS-547-P66
C	2.062	1.125	3	2.000	.437	BLFLF		PS-547-SC-SC
C	2.062	1.125	3	2.000	.437	B/VLFLF		PS-7919
C	2.062	1.125	3	2.000	.437	QCFKF		PS-210-EPR
C	2.062	1.125	3	2.000	.437	QCFLF	I	PS-210-EPR-P66-SC
C	2.062	1.125	3	2.000	.437	QLFLF		PS-4328
C	2.062	1.125	3	2.000	.437	VCFJF		PS-177V
C	2.062	1.125	3	2.000	.437	VCFJF	I	PS-177V-P66
C	2.062	1.125	3	2.000	.437	VCFKF		PS-210V
C	2.062	1.125	3	2.000	.437	VCFKF	I	PS-210V-P66
C	2.062	1.125	3	2.000	.437	VCFLF		PS-210V-SC-SEAT
C	2.062	1.125	3	2.000	.437	VLZVF		PS-210V-SC-TC
C	2.062	1.125	3	2.000	.437	VZFLF		PS-210V-TC-SC
C	2.062	1.125	3	2.125	.437	QCFKF		PS-4057
C	2.062	1.156	3	2.125	.406	VCFKF		PS-1062
C	2.062	1.187	1	2.125	.375	BCFJF		PS-4044
C	2.062	1.187	1	2.125	.437	BCFKF		PS-467
C	2.062	1.687	1	2.000	.437	BCFJF		PS-2134
C	2.062	1.687	1	2.000	.437	BCFJF	I	PS-2134-P66
C	2.062	1.687	1	2.000	.437	BCFKF		PS-1667
C	2.062	1.687	1	2.000	.437	QCFKF	I	PS-1667-EPR-P66
C	2.062	1.687	1	2.000	.437	VCFJF	I	PS-2134V-CMS-P66
C	2.062	1.687	1	2.000	.437	VCFKF		PS-1667V
C Balanced	2.062	1.437	—	—	—	BCF-F		FA-4268
C Balanced	2.062	1.437	3	1.875	.437	BCFJF		PS-7697
C Balanced	2.062	1.437	3	1.875	.437	BCFKF		PS-7795
C Balanced	2.062	1.437	3	1.875	.437	VCFKF		PS-7695
D	2.000	1.256	3	2.000	.437	VCFKF		PS-4123
D	2.187	1.093	25	2.000	.500	BCDJF		PS-404
D	2.187	1.125	—	—	—	BCD-F		PS-376
D	2.187	1.125	—	—	—	QCD-F	I	PS-376-EPR-P66
D	2.187	1.125	—	—	—	VCD-F		PS-376V
D	2.187	1.125	1	2.000	.437	BCDJF		PS-491
D	2.187	1.125	1	2.000	.437	BCDJF	I	PS-491-P66
D	2.187	1.125	1	2.000	.437	BCDKF		PS-186
D	2.187	1.125	1	2.000	.437	BCFJF		PS-2045
D	2.187	1.125	1	2.000	.437	BCFKF		PS-2046
D	2.187	1.125	1	2.000	.437	VCDJF		PS-491V-CMS
D	2.187	1.125	1	2.000	.437	VCDJF	I	PS-491V-CMS-P66
D	2.187	1.125	1	2.000	.437	VCFKF		PS-186V-CMS
D	2.187	1.125	1	2.000	.437	VLFLF		PS-4194
D	2.187	1.125	3	2.000	.437	BCDJF		PS-806
D	2.187	1.125	3	2.000	.437	BCDKF		PS-807
D	2.187	1.125	3	2.000	.437	BCFJF		PS-2047
D	2.187	1.125	3	2.000	.437	BCFKF		PS-2048
D	2.187	1.125	3	2.000	.437	VCDJF		PS-491V
D	2.187	1.125	3	2.000	.437	VCDKF		PS-186V
D	2.187	1.125	3	2.000	.437	VCFJF		PS-2047V
D	2.187	1.125	3	2.000	.437	VCFZF		PS-186V-TC-SEAT
D	2.250	1.006	3	2.000	.218	VCPSP		PS-6048
D	2.250	1.125	1	2.000	.437	BCDZF		PS-3932
D	2.250	1.125	1	2.000	.437	QCDZF	I	PS-7803

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.375 (1-3/8") (continued)</b>								
D Balanced	2.250	1.437	1	1.875	.437	BCFJF		PS-3974
D Balanced	2.250	1.437	1	1.875	.437	BCFKF		PS-7798
E	1.875	1.187	1	2.000	.437	QLFLF		PS-257E-SC-SC-CMS
E	1.875	1.187	3	2.000	.437	BCFKF		PS-257
E	1.875	1.187	3	2.000	.437	VCFKF		PS-257V
E	1.875	1.625	3	2.125	.437	VCFLF		PS-3783
E	1.875	1.687	—	—	—	BCF-F		PS-2104
E	1.875	1.687	—	—	—	VCF-F		PS-2104V
E	1.875	1.687	1	2.000	.437	BCFJF		PS-354
E	1.875	1.687	1	2.000	.437	BCFJF	I	PS-354-P66
E	1.875	1.687	1	2.000	.437	BCFKF		PS-677
E	1.875	1.687	1	2.000	.437	BZFZF		PS-677-TC-TC-CMS
E	1.875	1.687	3	2.000	.437	BCFJF		PS-864
E	1.875	1.687	3	2.000	.437	BCFKF		PS-865
E	1.875	1.687	3	2.000	.437	BCFKF	I	PS-865-P66
E	1.875	1.687	3	2.000	.437	BCFLF		PS-865-SC-SEAT
E	1.875	1.687	3	2.000	.437	VCFJF		PS-354V
E	1.875	1.687	3	2.000	.437	VCFJF	I	PS-354V-P66
E	1.875	1.687	3	2.000	.437	VCFJF		PS-864V
E	1.875	1.687	3	2.000	.437	VCFKF		PS-677V
E	1.875	1.687	3	2.000	.437	VLFLF		PS-865V-SC-SC
E	1.875	1.687	3	2.125	.437	VCFJF		PS-3925
E	1.875	1.687	3	2.125	.437	VCFLF		PS-3984
E	1.875	2.031	—	—	—	QCF-F	316SS/C/I	PS-4163
E	1.875	2.031	—	—	—	VCF-F	316SS	PS-4087
E	1.875	2.031	3	2.000	.437	VCFJF	316SS/C/H	PS-3901
E	1.875	2.031	3	2.000	.437	VLFLF	C	PS-4277
E	1.875	2.031	3	2.000	.437	XLFLF	316SS	PS-4384
E	2.000	2.031	3	2.000	.437	XZFLF	316SS/C	PS-4433
E Balanced	1.875	2.000	3	1.875	.437	BCFJF		PS-7702
E Balanced	1.875	2.000	3	1.875	.437	BCFKF		PS-3991
E Balanced	1.875	2.000	3	1.875	.437	BCFKF		PS-4170
E Balanced	1.875	2.000	3	1.875	.437	BCFZF		PS-4145
E Balanced	1.875	2.000	3	1.875	.437	QCFZF	316SS	PS-3799
E Balanced	1.875	2.000	3	1.875	.437	VCFKF	316SS	PS-4420
E Balanced	1.875	2.000	3	1.875	.437	VCFZF	I	PS-3769
G	1.929	1.024	1	2.000	.437	BCFJF		PS-7971
G	1.929	1.024	1	2.000	.437	BLFZF	316SS	PS-3014
G	1.929	1.024	25	2.000	.437	VLFLF	316SS	PS-3015
K	2.062	1.625	—	—	—	BCF-F		PS-209
K	2.062	1.625	1	2.000	.437	BCFJF		PS-495
K	2.062	1.625	1	2.000	.437	QCFJF		PS-495-EPR
Q	2.515	.625	25	2.000	.281	BMPAP		PS-3854
Q	2.515	.625	Special	2.000	.281	BMPAP		PS-6300
Q	3.241	.908	9	2.000	.281	VMPSP		PS-6317
R	2.187	2.187	1	2.000	.437	BCDJF		PS-178
T	1.875	2.437	1	2.000	.437	BCFJF		PS-725
T	1.875	2.437	1	2.000	.437	BCFKF		PS-726
T	1.875	2.437	1	2.000	.437	VCFJF		PS-725V
T	1.875	2.437	3	2.000	.437	VZFZF	316SS	PS-3541
T	1.875	2.812	3	2.000	.437	VCFJF	316SS	PS-4206
U	1.875	2.125	1	2.000	.437	BCFKF		PS-561SS
U	1.875	2.125	3	2.000	.437	VCFKF		PS-561V
V	1.937	1.937	25	2.140	.437	BMFJF		PS-1104
WT	1.937	1.062	—	—	—	TCF-F	316SS	T9-1375

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.375 (1-3/8") (continued)</b>								
X Special	3.500	.701	Special	1.875	.312	B/NCPGF		PS-4134
XT	1.937	1.062	3	2.125	.437	VCFJF	316SS	PS-8048
<b>1.437 (1-7/16")</b>								
C	2.125	1.125	3	2.250	.625	BCFKF		PS-2156
C	2.125	1.125	3	2.250	.625	VCFKF		PS-2156V
C	2.125	1.125	Special	2.718	.654	VCFGF		PS-7367
C	2.125	1.250	3	2.250	.375	BCFKF		PS-7105
C	2.125	1.250	3	2.250	.375	VCFKF		PS-7105V
E	1.937	1.219	3	2.250	.375	BCPKF		PS-4189
E	1.937	1.244	3	2.375	.531	VCFLF		PS-4140
E	1.937	1.250	3	2.250	.375	BCPKP		PS-1634
E	1.937	1.250	3	2.250	.375	VCPKF		PS-1634V
E	1.937	1.688	3	2.062	.437	BCFJF		PS-705
E	1.937	1.688	3	2.062	.437	BCFKF		PS-2234
E	1.937	1.688	3	2.062	.437	VCFKF		PS-2234V
E	1.937	1.688	3	2.125	.437	VCFKF		PS-4067
E	1.937	1.688	3	2.171	.437	BCPKF		PS-6340
E	1.937	1.688	3	2.171	.437	VCPKF		PS-6342
E	1.937	1.688	28	2.718	.654	VCPGP		PS-6055
E	2.110	.859	3	2.312	.360	BCPKF		PS-3848
E	2.110	1.516	3	2.312	.360	NCPKF		PS-943
E	2.110	1.516	3	2.312	.360	NCPKF		PS-6344
E	2.110	1.516	3	2.312	.360	VCPKF		PS-6338
R	2.250	1.625	3	2.062	.437	VCFKF		PS-4400
T	2.109	2.125	3	2.187	.375	NCPKF		PS-1633
W	2.062	1.125	2	2.312	.421	TCFKF	316SS	PS-9227
W	2.062	1.125	2	2.312	.421	TCFOF	316SS	PS-9307
W	2.062	1.125	2	2.687	.625	TCFKF	316SS	PS-9304
W	2.062	1.125	Special	2.484	.675	TCFKF	316SS	PS-9330
W	2.062	1.125	28	2.687	.625	Special	316SS	PS-9331
XB5	2.125	1.500	3	1.937	.437	Special	316SS	PS-8079
<b>1.500 (1-1/2")</b>								
C	2.062	1.125	2	2.125	.423	BCFKF		PS-5720
C	2.187	.906	3 Special	2.125	.437	VCFGF		PS-3943
C	2.187	1.125	—	—	—	BCF-F		PS-2105
C	2.187	1.125	—	—	—	VCF-F		PS-2105V
C	2.187	1.125	—	—	—	VZF-F		PS-2105V-TC
C	2.187	1.125	1	2.125	.437	BCFJF	B/H	PS-347
C	2.187	1.125	1	2.125	.437	BCFJF	B/H/I	PS-347-P66
C	2.187	1.125	1	2.125	.437	BCFJF		PS-758
C	2.187	1.125	1	2.125	.437	BCFJF	I	PS-758-P66
C	2.187	1.125	1	2.125	.437	BCFKF	B/H	PS-378
C	2.187	1.125	1	2.125	.437	BCFKF		PS-659
C	2.187	1.125	1	2.125	.437	BCFKF	I	PS-2232
C	2.187	1.125	1	2.125	.437	BCFLF		PS-758-SC-SEAT
C	2.187	1.125	1	2.125	.437	BCFZF		PS-659-TC
C	2.187	1.125	1	2.125	.437	BLFLF		PS-758-SC-SC
C	2.187	1.125	1	2.125	.437	BLFZF		PS-758-SC-TC-CMS
C	2.187	1.125	1	2.125	.437	BZFZF		PS-2209
C	2.187	1.125	1	2.125	.437	QCFJF	I	PS-7953
C	2.187	1.125	1	2.125	.437	QCFJF		PS-758-EPR-CMS
C	2.187	1.125	1	2.125	.437	QCFLF		PS-758-EPR-SC-SEAT
C	2.187	1.125	1	2.125	.437	QCFZF	I	PS-7632

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.500 (1-1/2") (continued)</b>								
C	2.187	1.125	1	2.125	.437	QLFLF		PS-7937
C	2.187	1.125	1	2.125	.437	VCFJF	B/H	PS-347V-CMS
C	2.187	1.125	1	2.125	.437	VCFJF		PS-758V-CMS
C	2.187	1.125	1	2.125	.437	VCFJF	I	PS-758V-P66-CMS
C	2.187	1.125	1	2.125	.437	VCFJF	316SS	PS-7409
C	2.187	1.125	1	2.125	.437	VCFKF	I	PS-659V-CMS-P66
C	2.187	1.125	1	2.125	.437	VCFKF	B/H	PS-378V-CMS
C	2.187	1.125	1	2.125	.437	VCFKF		PS-659V-CMS
C	2.187	1.125	1	2.125	.437	VCFLF		PS-758V-SC-SEAT
C	2.187	1.125	1	2.125	.437	VCFZF	I	PS-7747
C	2.187	1.125	1	2.125	.437	VLFLF		PS-758V-SC-SC
C	2.187	1.125	1	2.125	.437	VLZFZ		PS-7792V-CMS
C	2.187	1.125	1	2.125	.437	VZFZF		PS-659V-TC-VS-TC
C	2.187	1.125	3	2.125	.437	BCFJF		PS-816
C	2.187	1.125	3	2.125	.437	BCFKF		PS-553
C	2.187	1.125	3	2.125	.437	BCFKF	I	PS-7674
C	2.187	1.125	3	2.125	.437	BLFLF		PS-553-SC-SC
C	2.187	1.125	3	2.125	.437	BZFZF		PS-2217
C	2.187	1.125	3	2.125	.437	QCFJF		PS-758-EPR
C	2.187	1.125	3	2.125	.437	QCFZF		PS-4438
C	2.187	1.125	3	2.125	.437	VCFJF		PS-758V
C	2.187	1.125	3	2.312	.437	VCFJF	I	PS-4212
C	2.187	1.125	3	2.125	.437	VCFKF		PS-659V
C	2.187	1.125	3	2.125	.437	VCFKF	I	PS-659V-P66
C	2.187	1.125	3	2.125	.437	VCFLF		PS-2223-SC-SEAT
C	2.187	1.125	3	2.125	.437	VCFZF		PS-2223
C	2.187	1.125	3	2.125	.437	VCFZF	316SS	PS-3704
C	2.187	1.125	3	2.125	.437	VLZFZ		PS-4447
C	2.187	1.125	3 Special	2.125	.437	VCFKF		PS-7975
C	2.187	1.125	1	2.156	.437	BCFJF	B/H	PS-682
C	2.187	1.125	1	2.156	.437	BCFJF		PS-7694
C	2.187	1.125	1	2.156	.437	BCFKF	B/H	PS-247
C	2.187	1.125	1	2.250	.437	BCFJF		PS-320
C	2.187	1.125	3	2.312	.437	BCFJF		PS-926
C	2.187	1.125	Special	2.740	.875	BCFKF		PS-3979
C	2.187	1.437	3	2.125	.437	NCFGF		PS-192
C	2.187	1.687	1	2.125	.437	BCFJF		PS-7201
C	2.187	1.687	3	2.125	.437	BCFJF		PS-7166
C	2.187	1.687	3	2.125	.437	BCFKF		PS-1110
C	2.187	1.687	3	2.125	.437	VCFKF		PS-1110V
C	2.187	1.687	3	2.125	.437	QCFKF		PS-2221
C	2.312	1.093	1	2.125	.437	VCFJF	B/H	PS-3813
C Balanced	2.187	1.437	3	2.000	.437	BCFJF		PS-3880
D	2.312	1.125	—	—	—	BCF-F		PS-939
D	2.312	1.125	1	2.125	.437	BCFJF		PS-382
D	2.312	1.125	1	2.125	.437	BCFJF	I	PS-382-P66
D	2.312	1.125	1	2.125	.437	BCFKF		PS-371
D	2.312	1.125	1	2.125	.437	VCFKF		PS-371V-CMS
D	2.312	1.125	1	2.125	.437	VLFLF		PS-3642
D	2.312	1.125	3	2.125	.437	BCFJF		PS-817
D	2.312	1.125	3	2.125	.437	BCFKF		PS-534
D	2.312	1.125	3	2.125	.437	VCFKF		PS-371V
D	2.312	1.125	3	2.125	.437	VLFLF		PS-371V-SC-SC
D	2.312	1.125	3	2.125	.437	XLZFZ		PS-4365

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.500 (1-1/2") (continued)</b>								
D	2.312	1.125	1	2.156	.437	BCFJF		PS-283
D	2.375	1.000	3	2.187	.437	BCFGF		PS-4363
D	2.375	1.119	3	2.125	.443	BLFLF		PS-7874
D	2.375	1.125	3	2.125	.437	B/VCPKP		PS-4408
D	2.375	1.125	28	2.375	.618	VZFZF		PS-7079
D Special	2.375	1.094	3	2.125	.437	XLFLF		PS-4423
E	2.000	1.187	1	2.125	.437	QCFLF		PS-259-EPR-CMS-SC
E	2.000	1.187	3	2.125	.437	BCFKF		PS-259
E	2.000	1.688	—	—	—	BCF-F		PS-2106
E	2.000	1.688	—	—	—	BCF-F	I	PS-2106-P66
E	2.000	1.688	—	—	—	VCF-F		PS-2106V
E	2.000	1.688	3	2.000	.437	BCFJF		PS-314
E	2.000	1.688	3	2.000	.437	BCFKF		PS-316
E	2.000	1.688	1	2.125	.437	BCFJF		PS-305
E	2.000	1.688	1	2.125	.437	BCFJF	I	PS-305-P66
E	2.000	1.688	1	2.125	.437	BCFJF		PS-2117
E	2.000	1.688	1	2.125	.437	BCFKF		PS-374
E	2.000	1.688	1	2.125	.437	BCFKF	I	PS-374-P66
E	2.000	1.688	1	2.125	.437	BLFLF		PS-305-SC-SC
E	2.000	1.688	1	2.125	.437	BZFZF		PS-4354
E	2.000	1.688	1	2.125	.437	QCFJF		PS-305-EPR
E	2.000	1.688	1	2.125	.437	QCFJF	I	PS-305-EPR-P66
E	2.000	1.688	1	2.125	.437	QLFLF		PS-4407
E	2.000	1.688	1	2.125	.437	QCFZF	I	PS-7933
E	2.000	1.688	1	2.125	.437	VCFJF		PS-305V-CMS
E	2.000	1.688	1	2.125	.437	VCFJF	I	PS-305V-CMS-P66
E	2.000	1.688	1	2.125	.437	VCFKF		PS-374V-CMS
E	2.000	1.688	1	2.125	.437	VCFZF		PS-305V-TC-SEAT
E	2.000	1.688	3	2.125	.437	BCFJF		PS-395
E	2.000	1.688	3	2.125	.437	BCFKF		PS-258
E	2.000	1.688	3	2.125	.437	BCFKF	I	PS-258-P66
E	2.000	1.688	3	2.125	.437	NCFKF		PS-224
E	2.000	1.688	3	2.125	.437	QCFJF		PS-395-EPR
E	2.000	1.688	3	2.125	.437	QCFKF		PS-5259
E	2.000	1.688	3	2.125	.437	QCFZF	I	PS-4167
E	2.000	1.688	3	2.125	.437	QCFZF	I	PS-7562
E	2.000	1.688	3	2.125	.437	QCFZF	C/I	PS-7930
E	2.000	1.688	3	2.125	.437	VCFJF		PS-305V
E	2.000	1.688	3	2.125	.437	VCFJF	I	PS-305V-P66
E	2.000	1.688	3	2.125	.437	VCFKF	I	PS-258V-P66
E	2.000	1.688	3	2.125	.437	VCFKF		PS-374V
E	2.000	1.688	3	2.125	.437	VCFZF		PS-1646
E	2.000	1.688	3	2.125	.437	VCFZF	I	PS-7889
E	2.000	1.688	5	2.125	.437	QCFZF	I	PS-4368
E	2.000	1.688	1	2.156	.437	BCFKF		PS-2137
E	2.000	1.688	3	2.250	.437	BCFJF		PS-515
E	2.000	1.688	3	2.250	.437	VCFJF		PS-515V
E	2.000	1.688	3	2.312	.437	BCFZF		PS-4034
E	2.000	1.688	3	2.312	.437	B/VCFJF		PS-1647
E	2.000	1.688	3	2.312	.437	B/VCFKF		PS-1648
E	2.000	1.688	3	2.312	.437	VCFJF		PS-1651
E	2.000	1.688	3	2.312	.437	VCFKF		PS-1652
E	2.000	1.688	3	2.312	.437	VLZZF		PS-4404
E	2.000	1.688	3	2.500	.500	VCFZF		PS-4201

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.500 (1-1/2") (continued)</b>								
E	2.000	2.062	3	2.312	.437	BCFJF		PS-620
E	2.000	2.062	3	2.312	.437	BCFKF		PS-629
E	2.000	2.062	3	2.312	.437	VCFJF		PS-620V
E	2.000	2.062	3	2.312	.437	VCFKF		PS-1691
E	2.000	2.062	3	2.312	.437	VCFZF		PS-1692
E Balanced	2.000	2.000	3	2.000	.437	QCFJF	I	PS-4088
E Balanced	2.000	2.000	3	2.000	.437	VCFZF	I	PS-3615
G	2.125	1.181	1	2.125	.437	VCFJF		PS-3992
K	2.171	1.625	3	2.375	.437	BCFJF		PS-3558
K	2.187	1.625	—	—	—	BCF-F		PS-216
K	2.187	1.625	1	2.125	.437	BCFJF		PS-541
K	2.187	1.625	1	2.125	.437	BCFKF		PS-884
K	2.187	1.625	1	2.125	.437	VCFJF		PS-541V-CMS
K	2.187	1.625	3	2.500/2.125	.437	VLFLF		PS-3972
R	2.312	1.875	1	2.125	.437	BCFJF		PS-431
R	2.312	1.875	1	2.125	.437	BCFKF		PS-432
T	2.000	2.437	1	2.125	.437	BCFJF		PS-868
X Special	2.312	.937	3	2.125	.437	BCFJF		PS-8002
W	2.125	1.125	2	2.125	.437	TCFJF	316SS	PS-7587
<b>1.562 (1-9/16")</b>								
E	2.250	1.688	1	2.375	.500	BCDKF		PS-1194
E	2.250	1.688	3	2.375	.500	BCDJF		PS-664
E	2.250	1.688	3	2.375	.500	BCDKF		PS-1193
<b>1.625 (1-5/8")</b>								
C	2.500	1.062	3	2.375	.375	VCFKF		PS-6005
C	2.500	1.125	3 Special	2.375	.500	VCFKF		PS-3939
C	2.500	1.312	25	2.500	.812	B/VCFJF		PS-7497
C	2.500	1.312	25	2.500	.812	VCFJF		PS-7497V
C	2.500	1.375	—	—	—	BCF-F		PS-2107
C	2.500	1.375	1	2.375	.500	BCFJF		PS-238
C	2.500	1.375	1	2.375	.500	BCFJF	I	PS-238-P66
C	2.500	1.375	1	2.375	.500	BCFKF		PS-239
C	2.500	1.375	1	2.375	.500	BCFKF	I	PS-239-P66
C	2.500	1.375	1	2.375	.500	BCFLF		PS-4389
C	2.500	1.375	1	2.375	.500	BCFLF	I	PS-3967
C	2.500	1.375	1	2.375	.500	BLFLF		PS-238-SC-SC
C	2.500	1.375	1	2.375	.500	BLFZF		PS-238-SC-TC-CMS
C	2.500	1.375	1	2.375	.500	BZFLF		PS-238-TC-SC
C	2.500	1.375	1	2.375	.500	BZFZF		PS-3664
C	2.500	1.375	1	2.375	.500	QCFJF		PS-238-EPR
C	2.500	1.375	1	2.375	.500	QCFKF		PS-3616
C	2.500	1.375	1	2.375	.500	QCFLF		PS-238-EPR-SC
C	2.500	1.375	1	2.375	.500	VCFJF		PS-7902
C	2.500	1.375	1	2.375	.500	VCFJF		PS-238V-CMS
C	2.500	1.375	1	2.375	.500	VCFJF	316SS	PS-238V-CMS-316SS
C	2.500	1.375	1	2.375	.500	VCFKF		PS-239V-CMS
C	2.500	1.375	1	2.375	.500	VCFLF		PS-238V-SC-CMS
C	2.500	1.375	1	2.375	.500	VCFZF	I	PS-238V-P66-TC
C	2.500	1.375	1	2.375	.500	VCFZF	316SS/I	PS-3543
C	2.500	1.375	1	2.375	.500	VLFLF		PS-7806
C	2.500	1.375	1	2.375	.500	VZFLF		PS-238V-TC-SC-CMS
C	2.500	1.375	3	2.375	.500	BCFJF		PS-818
C	2.500	1.375	3	2.375	.500	BCFJF	I	PS-818-P66
C	2.500	1.375	3	2.375	.500	BCFKF		PS-544
C	2.500	1.375	3	2.375	.500	QCFKF		PS-239-EPR

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.625 (1-5/8") (continued)</b>								
C	2.500	1.375	3	2.375	.500	QCFKF	I	PS-7017
C	2.500	1.375	3	2.375	.500	QCFZF	I	PS-4068
C	2.500	1.375	3	2.375	.500	VCFJF		PS-238V
C	2.500	1.375	3	2.375	.500	VCFKF		PS-239V
C	2.500	1.375	3	2.375	.500	VCFLF		PS-238V-SC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF		PS-239V-TC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF	I	PS-3523
C	2.500	1.375	3	2.375	.500	VLFLF		PS-544V-SC-SC
C	2.500	1.375	1	2.625	.500	BCFJF		PS-2202-CMS
C	2.500	1.375	1	2.625	.500	BCFKF		PS-1019-CMS
C	2.500	1.375	1	2.625	.500	BCFKF	I	PS-1019-CMS-P66
C	2.500	1.375	3	2.625	.500	BCFJF		PS-2202
C	2.500	1.375	3	2.625	.500	BCFJF	I	PS-2202-P66
C	2.500	1.375	3	2.625	.500	BCFKF		PS-1019
C	2.500	1.375	3	2.625	.500	BLFLF		PS-1019-SC-SC
C	2.500	1.375	3	2.625	.500	QCFKF	I	PS-2201
C	2.500	1.375	3	2.625	.500	QCFZF		PS-4288
C	2.500	1.375	3	2.625	.500	VCFJF		PS-2202V
C	2.500	1.375	3	2.625	.500	VCFKF		PS-1019V
C	2.500	1.375	3	2.625	.500	VCFKF	I	PS-1019V-P66
C	2.500	1.375	3	2.625	.500	VCFZF		PS-1019-TC-SEAT
C	2.500	1.375	3	2.625	.500	VLFLF		PS-1019V-SC-SC
C	2.500	1.375	28	3.544	1.250	BCFKF		PS-1035
C	2.500	1.375	28	3.544	1.250	VCFKF		PS-1039
C	2.625	1.375	1	2.375	.500	QCFJF	I	PS-3030
D	2.687	1.375	3	2.375	.500	VCFLF		PS-4076
D	2.687	1.375	3	2.375	.500	VCFLF	I	PS-4074
D	2.718	1.062	3	2.375	.375	VCPSP		PS-6075
D	2.718	1.125	3	2.437	.500	BCDGF		PS-3026
D	2.718	1.125	3	2.437	.500	NCPGF		PS-331
D	2.718	1.375	1	2.375	.500	BCDJF		PS-514
D	2.718	1.375	1	2.375	.500	BCDJF	I	PS-514-P66
D	2.718	1.375	1	2.375	.500	BCDKF		PS-461
D	2.718	1.375	1	2.375	.500	BCFJF		PS-2055
D	2.718	1.375	1	2.375	.500	BCFKF		PS-2056
D	2.718	1.375	1	2.375	.500	BLDLF		PS-514-SC-SC
D	2.718	1.375	1	2.375	.500	BLFZF		PS-4361
D	2.718	1.375	1	2.375	.500	QCDJF		PS-514-EPR
D	2.718	1.375	1	2.375	.500	QCDJF	I	PS-514-EPR-P66
D	2.718	1.375	1	2.375	.500	QCDZF		PS-514-EPR-TC
D	2.718	1.375	1	2.375	.500	QCDZF	I	PS-514-EPR-P66-TC
D	2.718	1.375	1	2.375	.500	QCFLF	I	PS-3025
D	2.718	1.375	1	2.375	.500	VCDJF		PS-514V-CMS
D	2.718	1.375	1	2.375	.500	VCDJF	I	PS-514V-P66-CMS
D	2.718	1.375	1	2.375	.500	VCDKF		PS-461V-CMS
D	2.718	1.375	1	2.375	.500	VCDLF	I	PS-514V-P66-SC-CMS
D	2.718	1.375	1	2.375	.500	VLDLF		PS-514V-SC-SC-CMS
D	2.718	1.375	3	2.375	.500	BCDJF		PS-821
D	2.718	1.375	3	2.375	.500	BCDKF		PS-819
D	2.718	1.375	3	2.375	.500	BCFJF		PS-1698
D	2.718	1.375	3	2.375	.500	BCFKF		PS-1697
D	2.718	1.375	3	2.375	.500	BCFZF		PS-1697-TC-SEAT
D	2.718	1.375	3	2.375	.500	VCDJF		PS-514V
D	2.718	1.375	3	2.375	.500	VCDJF	I	PS-514V-P66

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.625 (1-5/8") (continued)</b>								
D	2.718	1.375	3	2.375	.500	VCDKF		PS-461V
D	2.718	1.375	3	2.375	.500	VLDLF		PS-514V-SC-SC
D	2.718	1.375	3	2.375	.500	VZFLF		PS-3772
D	2.718	1.375	28	3.544	1.250	BCFKF		PS-4435
E	2.250	1.375	3	2.375	.500	BCPKF		PS-6348
E	2.250	1.375	3	2.375	.500	VCPKF		PS-6349
E	2.250	2.000	1	2.312	.500	BCFJF		PS-346
E	2.250	2.000	1	2.312	.500	BCDKF		PS-484
E	2.250	2.000	1	2.312	.500	BCDJF		PS-609
E	2.250	2.000	1	2.312	.500	VCDJF		PS-609V
E	2.250	2.000	1	2.312	.500	BCFKF		PS-610
E	2.250	2.000	1	2.312	.500	VCFKF		PS-610V
E	2.250	2.000	2	2.312	.562	BCDKF		PS-3931
E	2.250	2.000	1	2.375	.500	BCDJF		PS-745
E	2.250	2.000	1	2.375	.500	BCDJF	I	PS-745-P66
E	2.250	2.000	1	2.375	.500	BCDKF		PS-744
E	2.250	2.000	1	2.375	.500	BCFJF		PS-2057
E	2.250	2.000	1	2.375	.500	BCFKF		PS-2058
E	2.250	2.000	1	2.375	.500	VCDJF		PS-745V-CMS
E	2.250	2.000	1	2.375	.500	VCFZF		PS-2058V-TC-SEAT
E	2.250	2.000	3	2.375	.500	BCDJF		PS-595
E	2.250	2.000	3	2.375	.500	BCDKF		PS-822
E	2.250	2.000	3	2.375	.500	BCDKF	I	PS-822-P66
E	2.250	2.000	3	2.375	.500	BCFJF		PS-1683
E	2.250	2.000	3	2.375	.500	BCFJF	I	PS-1683-P66
E	2.250	2.000	3	2.375	.500	BCFKF		PS-1699
E	2.250	2.000	3	2.375	.500	BCFKF	I	PS-1699-P66
E	2.250	2.000	3	2.375	.500	QCDZF	I	PS-7787
E	2.250	2.000	3	2.375	.500	QCFZF	I	PS-1699E-TC-P66
E	2.250	2.000	3	2.375	.500	VCDJF		PS-745V
E	2.250	2.000	3	2.375	.500	VCDKF		PS-744V
E	2.250	2.000	3	2.375	.500	VCFJF		PS-1683V
E	2.250	2.000	3	2.375	.500	VCFKF	I	PS-1699V-P66
E	2.250	2.000	3	2.375	.500	VCFKF		PS-1699V
E	2.250	2.000	3	2.375	.500	VCFZF	I	PS-1699V-TC-P66
E	2.250	2.000	3	2.375	.500	VLFZF	I	PS-1699V-SC-TC
E Balanced	2.250	2.375	3	2.125	.437	BCFJF		PS-4374
E Balanced	2.250	2.375	3	2.125	.437	VCFJF		PS-4159
E Balanced	2.250	2.375	3	2.125	.437	VCFZF	316SS	PS-4269
G	2.205	1.375	1	2.375	.500	QCFJF	316SS/I	PS-6262
G	2.205	1.375	1	2.375	.500	QCFZF	316SS/I	PS-6263
K	2.500	2.125	1	2.375	.500	BCFJF		PS-1195
Q	2.812	.973	Special	2.375	.390	N/BMDAF		PS-6311
R	2.718	2.125	1	2.375	.500	BCDKF		PS-281-CMS
R	2.718	2.125	3	2.375	.500	BCDKF		PS-281
U	2.250	2.093	1	2.375	.500	BCDKF		PS-458-CMS
U	2.250	2.093	3	2.375	.500	BCDKF		PS-458
WT	2.250	1.156	28	2.875	.625	TCFKF	316SS	PS-9017
WT	2.250	1.156	28	2.875	.625	TCFOF	316SS	PS-9332
XB2	2.437	1.156	27	2.843	1.000	VCFJF	316SS	PS-8040
<b>1.687 (1-11/16")</b>								
D	2.875	.875	2	2.500	.312	BCFKF		PS-5002
D	2.875	.875	2	2.500	.312	VCFKF		PS-5194

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.750 (1-3/4")</b>								
C	2.392	1.375	1	2.500	.500	BCFJF		PS-5389-CMS
C/X Special	2.609	1.250	1	2.500	.500	BCFJF		PS-4035
C	2.625	1.062	3	2.500	.500	BLFLF		PS-6241
C	2.625	1.062	3	2.500	.500	BLFZF		PS-3963
C	2.625	1.062	3	2.500	.500	BZFZF		PS-3687
C	2.625	1.062	3	2.500	.500	VCFJF		PS-3718V
C	2.625	1.125	—	—	—	BCF-F		PS-1055
C	2.625	1.125	1	2.500	.500	BCFJF		PS-2212
C	2.625	1.125	1	2.500	.500	BCFKF		PS-1068
C	2.625	1.125	1	2.500	.500	BZFZF		PS-4410
C	2.625	1.125	3	2.500	.500	BCFKF		PS-1056
C	2.625	1.125	3	2.500	.500	B/VLFZF		PS-3719
C	2.625	1.125	3	2.500	.500	VCFKF		PS-1056V
C	2.625	1.125	3	2.500	.500	VCFLF		PS-1056V-SC-SEAT
C	2.625	1.375	—	—	—	BCF-F		PS-2108
C	2.625	1.375	—	—	—	BCF-F	I	PS-2108-P66
C	2.625	1.375	—	—	—	BRF-F		FA-10159
C	2.625	1.375	—	—	—	QCF-F	I	PS-2108-EPR-P66
C	2.625	1.375	—	—	—	VCF-F		PS-2108V
C	2.625	1.375	1	2.500	.500	BCFJF		PS-446
C	2.625	1.375	1	2.500	.500	BCFJF	I	PS-446-P66
C	2.625	1.375	1	2.500	.500	BCFJF	316SS	PS-446-316SS
C	2.625	1.375	1	2.500	.500	BCFKF		PS-448
C	2.625	1.375	1	2.500	.500	BCFKF	I	PS-448-P66
C	2.625	1.375	1	2.500	.500	BCFLF		PS-446-SC-SEAT
C	2.625	1.375	1	2.500	.500	BCFZF		PS-2210
C	2.625	1.375	1	2.500	.500	BLFLF		PS-446-SC-SC
C	2.625	1.375	1	2.500	.500	BLFZF		PS-446-SC-TC-CMS
C	2.625	1.375	1	2.500	.500	BZFZF		PS-446-TC-TC
C	2.625	1.375	1	2.500	.500	QCFJF		PS-446-EPR
C	2.625	1.375	1	2.500	.500	QCFJF	I	PS-446-EPR-P66
C	2.625	1.375	1	2.500	.500	QCFKF		PS-448-EPR
C	2.625	1.375	1	2.500	.500	VCFJF	316SS	PS-4153
C	2.625	1.375	1	2.500	.500	VCFJF		PS-446V-CMS
C	2.625	1.375	1	2.500	.500	VCFJF	I	PS-446V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFKF		PS-448V-CMS
C	2.625	1.375	1	2.500	.500	VCFKF	I	PS-448V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFZF		PS-446V-TC-SEAT
C	2.625	1.375	1	2.500	.500	VCFZF	I	PS-448V-TC-P66
C	2.625	1.375	1	2.500	.500	VLFLF		PS-7820
C	2.625	1.375	1	2.500	.500	VLZFZ		PS-448V-SC-SC
C	2.625	1.375	1	2.500	.500	VLZFZ		PS-448V-SC-TC
C	2.625	1.375	1	2.500	.500	VZFZF		PS-446V-TC-TC
C	2.625	1.375	3	2.500	.500	BCFJF		PS-550
C	2.625	1.375	3	2.500	.500	BCFKF		PS-436
C	2.625	1.375	3	2.500	.500	BCFKF	I	PS-436-P66
C	2.625	1.375	3	2.500	.500	BCFLF		PS-436-SC-SEAT
C	2.625	1.375	3	2.500	.500	BLFLF		PS-436-SC-SC
C	2.625	1.375	3	2.500	.500	BZFLF		PS-436-TC-VS-SC
C	2.625	1.375	3	2.500	.500	BZFZF		PS-436-TC-TC
C	2.625	1.375	3	2.500	.500	QCFKF		PS-436-EPR
C	2.625	1.375	3	2.500	.500	QCFLF	I	PS-7607
C	2.625	1.375	3	2.500	.500	QCFZF	I	PS-7035
C	2.625	1.375	3	2.500	.500	VCFJF		PS-446V
C	2.625	1.375	3	2.500	.500	VCFJF	I	PS-446V-P66

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.750 (1-3/4") (continued)</b>								
C	2.625	1.375	3	2.500	.500	VCFKF		PS-436V
C	2.625	1.375	3	2.500	.500	VCFKF	I	PS-436V-P66
C	2.625	1.375	3	2.500	.500	VCFLF		PS-446V-SC-SEAT
C	2.625	1.375	3	2.500	.500	VCFZF		PS-2207
C	2.625	1.375	3	2.500	.500	VLFLF		PS-7679
C	2.625	1.375	3	2.500	.500	VLFZF		PS-446V-SC-TC
C	2.625	1.375	3	2.500	.500	VZFZF		PS-436V-TC-TC
C	2.625	1.375	3	2.625	.500	BCFJF		PS-387
C	2.625	1.375	28	3.544	1.188	BCFKF		PS-1038
C	2.625	1.375	28	3.544	1.188	VCFKF		PS-1038V
C	2.625	2.000	1	2.500	.500	BCFJF		PS-2135
C	2.625	2.000	1	2.500	.500	BCFJF	I	PS-2135-P66
C	2.625	2.000	1	2.500	.500	BCFJF		PS-2142
C	2.625	2.000	1	2.500	.500	BCFKF		PS-1674
C	2.625	2.000	1	2.500	.500	BCFZF		PS-1674-TC-SEAT
C	2.625	2.000	1	2.500	.500	BLFLF		PS-2135-SC-SC
C	2.625	2.000	1	2.500	.500	QCFKF	I	PS-1674-EPR-P66
C	2.625	2.000	1	2.500	.500	VZFZF		PS-1674V-TC-TC-CMS
C	2.625	2.000	3	2.500	.500	BCFJF		PS-2150
C	2.625	2.000	3	2.500	.500	BCFKF		PS-2151
C	2.625	2.000	3	2.500	.500	BCFZF		PS-2151-TC-SEAT
C	2.625	2.000	3	2.500	.500	QCFKF	I	PS-2151-EPR-P66
C	2.625	2.000	3	2.500	.500	VCFKF		PS-2151V
C	2.625	2.000	3	2.500	.500	VCFZF		PS-2151V-TC-SEAT
D	2.750	1.375	—	—	—	BCD-F		PS-147
D	2.750	1.375	1	2.500	.500	BCDJF		PS-237
D	2.750	1.375	1	2.500	.500	BCDJF	I	PS-237-P66
D	2.750	1.375	1	2.500	.500	BCDKF		PS-288
D	2.750	1.375	1	2.500	.500	BCDZF		PS-237-TC-SEAT
D	2.750	1.375	1	2.500	.500	BCFJF		PS-2059
D	2.750	1.375	1	2.500	.500	BCFKF		PS-2060
D	2.750	1.375	1	2.500	.500	BLDLF		PS-237-SC-SC
D	2.750	1.375	1	2.500	.500	BZDZF		PS-237-TC-TC
D	2.750	1.375	1	2.500	.500	BZFZF		PS-2060-TC-TC
D	2.750	1.375	1	2.500	.500	QCDZF	I	PS-7652
D	2.750	1.375	1	2.500	.500	VCDJF		PS-237V-CMS
D	2.750	1.375	1	2.500	.500	VCDKF		PS-288V-CMS
D	2.750	1.375	1	2.500	.500	VZFLF	316SS	PS-6217
D	2.750	1.375	3	2.500	.500	BCDJF		PS-826
D	2.750	1.375	3	2.500	.500	BCDKF		PS-825
D	2.750	1.375	3	2.500	.500	BCFJF		PS-2061
D	2.750	1.375	3	2.500	.500	BCFKF		PS-2062
D	2.750	1.375	3	2.500	.500	VCDJF		PS-237V
D	2.750	1.375	3	2.500	.500	VCDJF	I	PS-237V-P66
D	2.750	1.375	3	2.500	.500	VCDKF		PS-288V
D	2.750	1.375	3	2.500	.500	VRFZF		PS-7959
D	2.750	1.375	3	2.500	.500	XCFJF		PS-4399
D	2.806	1.031	3	2.500	.281	NCFKF		PS-4026
E	2.375	1.312	1	2.500	.500	QCFJF		PS-4187
E	2.375	1.312	1	2.500	.500	VCFZF	316SS	PS-3024
E	2.375	1.312	1	2.625	.500	BCFJF		PS-7252
E	2.375	1.312	3	2.625	.500	QCFLF		PS-4290
E	2.375	1.312	3	2.625	.500	QCFZF	I	PS-4141
E	2.375	1.312	3	2.625	.500	VCFJF		PS-4261

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.750 (1-3/4") (continued)</b>								
E	2.375	1.312	3	2.625	.500	VCFKF		PS-4232
E	2.375	1.312	3	2.625	.500	VCFZF	316SS/I	PS-4228
E	2.375	1.437	3	2.500	.500	B/VCFKF		PS-6090
E	2.375	1.875	3	2.500	.500	NCFKF		PS-4315
E	2.375	1.937	3	2.312	.500	QCFZF	I	PS-7950
E	2.375	2.000	—	—	—	BCF-F		PS-2109
E	2.375	2.000	—	—	—	BCF-F	I	PS-2109-P66
E	2.375	2.000	—	—	—	QCF-F		PS-2109-EPR
E	2.375	2.000	—	—	—	QCF-F	I	PS-2109-EPR-P66
E	2.375	2.000	—	—	—	XCF-F		PS-2109-AFLAS
E	2.375	2.000	3	2.312	.500	BCFJF		PS-1684
E	2.375	2.000	1	2.487	.500	BCFJF		PS-317
E	2.375	2.000	1	2.500	.500	BCFJF		PS-205
E	2.375	2.000	1	2.500	.500	BCFJF	I	PS-205-P66
E	2.375	2.000	1	2.500	.500	BCFKF		PS-366
E	2.375	2.000	1	2.500	.500	BCFKF	I	PS-366-P66
E	2.375	2.000	1	2.500	.500	BCFLF		PS-4327
E	2.375	2.000	1	2.500	.500	BCFZF		PS-366-TC-CMS
E	2.375	2.000	1	2.500	.500	BZFZF		PS-366-TC-TC
E	2.375	2.000	1	2.500	.500	QCFZF	I	PS-7736
E	2.375	2.000	1	2.500	.500	VCFJF		PS-205V-CMS
E	2.375	2.000	1	2.500	.500	VCFJF	I	PS-205V-CMS-P66
E	2.375	2.000	1	2.500	.500	VCFKF		PS-366V-CMS
E	2.375	2.000	1	2.500	.500	VCFKF	I	PS-366V-CMS-P66
E	2.375	2.000	1	2.500	.500	VCFZF		PS-205V-TC-SEAT
E	2.375	2.000	1	2.500	.500	VZFZF		PS-205V-TC-TC-CMS
E	2.375	2.000	3	2.500	.500	BCEJE		PS-3673
E	2.375	2.000	3	2.500	.500	BCFJF		PS-535
E	2.375	2.000	3	2.500	.500	BCFKF		PS-262
E	2.375	2.000	3	2.500	.500	BCFZF		PS-859-TC-SEAT
E	2.375	2.000	3	2.500	.500	BCFZF	I	PS-535-P66-TC
E	2.375	2.000	3	2.500	.500	QCFJF		PS-535-EPR
E	2.375	2.000	3	2.500	.500	QCFKF	I	PS-262-EPR-P66
E	2.375	2.000	3	2.500	.500	QZFZF		PS-3540
E	2.375	2.000	3	2.500	.500	VCFJF		PS-205V
E	2.375	2.000	3	2.500	.500	VCFJF	I	PS-205V-P66
E	2.375	2.000	3	2.500	.500	VCFKF		PS-366V
E	2.375	2.000	3	2.500	.500	VCFLF	316SS	PS-7924
E	2.375	2.000	3	2.500	.500	VLFLF		PS-7488
E	2.375	2.000	3	2.500	.500	XCFLF	I	PS-4186
E	2.375	2.000	5	2.500	.500	BCFZF	I	PS-4429
E	2.375	2.000	5	2.500	.500	QCFZF	I	PS-4372
E	2.375	2.000	3	2.625	.500	BCFJF		PS-2130
E	2.375	2.000	3	2.625	.500	VCFKF		PS-4139
E	2.375	2.000	27	3.000	1.000	BCFJF		PS-1078
E	2.375	2.375	—	—	—	BCF-F	316SS/C/I	PS-7867
E	2.375	2.375	3	2.312	.500	BCFZF	C	PS-4233
E	2.375	2.375	3	2.312	.500	VCFJF	316SS/C	PS-4326
E	2.375	2.375	3	2.500	.500	VCFJF	316SS/C	PS-3902
E	2.375	2.375	3	2.500	.500	VCFKF	C	PS-3637
E	2.375	2.375	3	2.500	.500	VCFLF	C	PS-7839
E	2.375	2.375	3	2.500	.500	VCFZF	C/I	PS-7561
E Balanced	2.375	2.312	3	2.500	.500	VCFJF	316SS	PS-4221
E Balanced	2.375	2.375	1	2.375	.500	BCFJF		PS-7901

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.750 (1-3/4") (continued)</b>								
E Balanced	2.375	2.375	1	2.375	.500	BCFKF		PS-2231-CMS
E Balanced	2.375	2.375	3	2.375	.500	BCFJF		PS-7774
E Balanced	2.375	2.375	3	2.375	.500	BCFKF		PS-2231
E Balanced	2.375	2.375	3	2.375	.500	BCFZF		PS-7821
G	2.402	1.181	1	2.500	.500	BLFLF		PS-3016
G	2.402	1.181	1	2.500	.500	BLFZF		PS-4216
K	2.609	1.625	1	2.500	.500	BCFJF		PS-6246
K	2.609	2.125	1	2.500	.500	BCFJF		PS-449
K	2.609	2.125	1	2.500	.500	BCFKF		PS-1197
K	2.609	2.125	3	2.500	.500	BCFJF		PS-4353
K	2.609	2.125	3	2.500	.500	BCFJ/KF		PS-1142
K	2.625	1.625	1	2.500	.500	VZFZF		PS-4304
Q	3.000	.689	Special	2.500	.412	Special		PS-4133
R	2.750	2.125	—	—	—	BCD-F		PS-213
R	2.750	2.125	1	2.500	.500	BCDKF		PS-217
T	2.375	2.281	3	2.500	.500	VCFJF		PS-6242
T	2.375	2.750	3	2.500	.500	BCFJF		PS-2144
T	2.375	2.875	1	2.500	.500	BCFJF		PS-674
T	2.375	2.875	1	2.500	.500	BCFKF		PS-675
T	2.375	2.875	3	2.500	.500	VCFJF	316SS	PS-4263
T	2.375	2.937	3	2.500	.500	VCFJF/VCFJF		PS-4283
T	2.375	2.937	3	2.500	.500	VCFJF/VCFLF		PS-4405
U	2.375	2.000	3	2.500	.500	BCFJF		PS-2170
U	2.375	2.000	3	2.500	.500	BCF/DKF		PS-2157
U	2.375	2.000	3	2.500	.500	BCFKF		PS-7090
U	2.375	2.250	3	2.375	.500	BCFJF		PS-1070
U	2.375	2.500	1	2.500	.500	BCFJF		PS-1042
U	2.375	2.500	1	2.500	.500	BCF/DKF		PS-555
U	2.375	2.500	1	2.500	.500	BCFKF		PS-555SS
U	2.375	2.500	1	2.500	.500	VCFZF		PS-3884
U	2.375	2.500	3	2.500	.500	BCFJF		PS-519
U	2.375	2.500	3	2.500	.500	BCFJF	I	PS-519-P66
U	2.375	2.500	3	2.500	.500	BCFKF		PS-1199
V	2.437	2.250	3	2.750	.625	BCFJF		PS-3754
W	2.500	1.375	2	2.500	.500	TCFJF	316SS	PS-9106
WT	2.312	1.375	3	2.500	.500	T/VCFJF	316SS	PS-9023
X	2.500	1.375	3	2.500	.500	VCFLF	316SS	PS-8058
<b>1.771 (45MM)</b>								
E	2.500	2.125	1	2.625	.500	BCFJF		PS-722
E	2.500	2.125	1	2.625	.500	BCFKF		PS-719
T	2.500	3.000	1	2.625	.500	BCFJF		PS-727
T	2.500	3.000	1	2.625	.500	BCFKF		PS-728
<b>1.875 (1-7/8")</b>								
C	2.561	1.000	Plate	3.528	.437	BCFGF		PS-5011
C	2.561	1.000	Plate	Plate	Plate	VCFGF		PS-5721
C	2.645	1.110	2	3.000	.404	BCFJF		PS-5342
C	2.645	1.110	2	3.000	.404	QCFJF		PS-5679
C	2.645	1.110	2	3.000	.404	VCFJF		PS-5717
C	2.645	1.125	2	3.000	.474	B/VCFKF	N	PS-5712
C	2.750	1.500	—	—	—	BCF-F		FA-1875
C	2.750	1.500	—	—	—	VCF-F		FA-1875V
C	2.750	1.500	1	2.625	.500	BCFJF		PS-340
C	2.750	1.500	1	2.625	.500	BCFJF	I	PS-340-P66
C	2.750	1.500	1	2.625	.500	BCFKF		PS-1608

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.875 (1-7/8") (continued)</b>								
C	2.750	1.500	1	2.625	.500	BZFLF		PS-340-TC-SC
C	2.750	1.500	1	2.625	.500	BZFZF		PS-340-TC-TC
C	2.750	1.500	1	2.625	.500	QCFJF		PS-340-EPR-CMS
C	2.750	1.500	1	2.625	.500	QCFZF		PS-340-EPR-TC-CMS
C	2.750	1.500	1	2.625	.500	VCFJF		PS-340V-CMS
C	2.750	1.500	3	2.625	.500	BCFJF		PS-2114
C	2.750	1.500	3	2.625	.500	BCFKF		PS-312
C	2.750	1.500	3	2.625	.500	QCFKF	I	PS-312-EPR-P66
C	2.750	1.500	3	2.625	.500	VCFJF		PS-340V
C	2.750	1.500	3	2.625	.500	VCFKF		PS-312V
C	2.921	.688	3	2.451	.312	VCFKF		PS-4219
D	2.875	1.500	—	—	—	BCD-F		PS-223
D	2.875	1.500	1	2.625	.500	BCDJF		PS-828
D	2.875	1.500	1	2.625	.500	BCDKF		PS-1097
D	2.875	1.500	3	2.625	.500	BCDKF		PS-593
D	2.875	1.500	3	2.625	.500	BCFJF		PS-4333
D	2.875	1.500	3	2.625	.500	VCPSF		PS-6094
D Balanced	2.875	1.875	1	2.500	.500	BCDZF		PS-3818
E	2.500	1.531	3	2.625	.500	VCFZF	316SS	PS-4193
E	2.500	1.531	3	2.625	.500	VZFZF	316SS	PS-4166
E	2.500	2.062	3	2.625	.500	VCFZF		PS-1661
E	2.500	2.125	—	—	—	VCF-F		FA-513V
E	2.500	2.125	1	2.625	.500	BCDKF		PS-513
E	2.500	2.125	1	2.625	.500	BCFJF		PS-2069
E	2.500	2.125	1	2.625	.500	BCFKF		PS-2070
E	2.500	2.125	1	2.625	.500	QCFZF	I	PS-7869
E	2.500	2.125	1	2.625	.500	VCFJF		PS-1659V-CMS
E	2.500	2.125	3	2.625	.500	BCFJF		PS-2071
E	2.500	2.125	3	2.625	.500	BCFKF		PS-2072
E	2.500	2.125	3	2.625	.500	BCFKF	316SS	PS-7898
E	2.500	2.125	3	2.625	.500	BCFLF		PS-586-SC-SEAT
E	2.500	2.125	3	2.625	.500	BLFLF		PS-586-SC-SC
E	2.500	2.125	3	2.625	.500	BLFLF	316SS	PS-4270
E	2.500	2.125	3	2.625	.500	BZFZF		PS-2072-TC-TC
E	2.500	2.125	3	2.625	.500	VCFJF		PS-1659
E	2.500	2.125	3	2.625	.500	VCFKF		PS-1660
E	2.500	2.125	3	2.625	.500	VLFZF		PS-586V-SC-TC
E	2.500	2.125	3	2.687	.500	B/VCDJF		PS-1662
E	2.500	2.125	3	2.687	.500	VCFJF		PS-7020
E	2.500	2.125	3	2.687	.500	VCFKF		PS-4171V
E	2.500	2.437	3	2.687	.500	BCFKF		PS-949
E	2.500	2.437	3	2.687	.500	B/VCFJF		PS-1664
E Balanced	2.500	2.500	3	2.500	.500	BCFJF		PS-7827
E Balanced	2.500	2.500	3	2.500	.500	BCFKF		PS-7884
E Balanced	2.500	2.500	3	2.500	.500	VCFJF		PS-4417
E Balanced	2.500	2.500	3	2.500	.500	VCFKF		PS-7884V
E Balanced	2.500	2.500	Special	2.687	.500	VCFZF		PS-3648
G	2.520	1.181	1	2.625	.500	BCFJF		PS-3017
G	2.520	1.181	1	2.625	.500	BLFLF		PS-3018
K	2.750	1.750	1	2.625	.500	BCFJF		PS-2237
K	2.750	1.750	1	2.625	.500	BZ/CFL/JF		PS-4426
K	2.750	1.843	1	2.625	.500	BZ/CFZ/JF		PS-4217
K	2.750	2.125	1	2.625	.500	BCFKF		PS-7352

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.875 (1-7/8") (continued)</b>								
K	2.750	3.000	1	2.625	.500	BCFJF		PS-318
K	2.750	3.000	1	2.625	.500	BCFKF		PS-1693
T	2.500	2.343	25	2.650	.406	BCFJF		PS-4046
T	2.500	2.500	3	2.625	.437	BCFJF		PS-3964
T	2.500	3.000	1	2.625	.500	BCFJF		PS-742
T	2.500	3.000	1	2.625	.500	BCFKF		PS-743
T	2.500	3.000	3	2.687	.500	VCFJF		PS-1653
U	2.500	2.437	3	2.500	.500	BCFJF		PS-898
V	2.500	2.000	1	2.625	.500	BMFJF		PS-1108
V	2.500	2.000	3	2.625	.437	BMFJF		PS-2146
V	2.500	2.000	25	2.640	.406	BMFJF		PS-1105
WT	2.510	1.375	3	2.625	.500	Q/TCFZF	316SS	PS-9119
X Balanced	2.500	1.750	3	2.375	.500	VCFZF	316SS/I	PS-8010
XBT	2.510	1.750	3	2.375	.500	QCFZF	316SS	PS-8059
X Special	2.500	1.500	3	2.000	.500	VCFJF	316SS	PS-8077
XT	2.510	1.750	3	2.625	.437	VCFJF	316SS	PS-8076
<b>2.000 (2")</b>								
C	2.510	1.062	1	2.750	.500	BCFJF		PS-7781
C	2.875	1.062	1	2.750	.500	BLFZF		PS-7781-SC-TC
C	2.875	1.062	3	2.750	.500	BCFJF		PS-3993
C	2.875	1.062	3	2.750	.500	BCFKF		PS-4015
C	2.875	1.062	3	2.750	.500	BLFLF		PS-6238
C	2.875	1.062	3	2.750	.500	BLFZF		PS-3721
C	2.875	1.062	3	2.750	.500	VCFKF		PS-6247V
C	2.875	1.062	3	2.750	.500	VLFLF		PS-4178
C	2.875	1.250	1	2.750	.500	BCFJF		PS-2139
C	2.875	1.250	1	2.750	.500	BCFKF		PS-1028
C	2.875	1.250	1	2.750	.500	VCFJF		PS-3810V-CMS
C	2.875	1.250	3	2.750	.500	BCFJF		PS-4416
C	2.875	1.250	3	2.750	.500	BCFKF		PS-3875
C	2.875	1.500	—	—	—	BCF-F		PS-2111
C	2.875	1.500	—	—	—	VCF-F		FA-10047
C	2.875	1.500	1	2.750	.500	BCFJF		PS-267
C	2.875	1.500	1	2.750	.500	BCFJF	I	PS-267-P66
C	2.875	1.500	1	2.750	.500	BCFKF		PS-842
C	2.875	1.500	1	2.750	.500	BCFKF	I	PS-842-P66
C	2.875	1.500	1	2.750	.500	BCFZF		PS-842-TC SEAT
C	2.875	1.500	1	2.750	.500	BLFLF		PS-267-SC-SC-CMS
C	2.875	1.500	1	2.750	.500	BZFZF		PS-2219
C	2.875	1.500	1	2.750	.500	QCFJF		PS-267-EPR
C	2.875	1.500	1	2.750	.500	QCFZF	I	PS-3580
C	2.875	1.500	1	2.750	.500	VCFJF		PS-267V-CMS
C	2.875	1.500	1	2.750	.500	VCFJF	I	PS-267V-CMS-P66
C	2.875	1.500	1	2.750	.500	VCFKF		PS-842V
C	2.875	1.500	1	2.750	.500	VCFKF	I	PS-842V-P66-CMS
C	2.875	1.500	1	2.750	.500	VLFLF		PS-6224
C	2.875	1.500	1	2.750	.500	VLFZF		PS-267V-SC-TC-CMS
C	2.875	1.500	1	2.750	.500	VZFZF		PS-6218
C	2.875	1.500	1	2.750	.500	VZFZF	316SS	PS-6213
C	2.875	1.500	3	2.750	.500	BCFJF		PS-532
C	2.875	1.500	3	2.750	.500	BCFKF		PS-332
C	2.875	1.500	3	2.750	.500	BCFZF		PS-267-TC-SEAT
C	2.875	1.500	3	2.750	.500	BLFZF	C	PS-267-SC-TC-LC
C	2.875	1.500	3	2.750	.500	BLFZF		PS-267-SC-TC-SEAT

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.000 (2") (continued)</b>								
C	2.875	1.500	3	2.750	.500	QCFZF	I	PS-7309
C	2.875	1.500	3	2.750	.500	VCFJF		PS-267V
C	2.875	1.500	3	2.750	.500	VCFKF		PS-1145
C	2.875	1.500	3	2.750	.500	VCFZF		PS-267V-TC-SEAT
C	2.875	1.500	3	2.750	.500	VLFLF		PS-267V-SC-SC
C	2.875	1.500	3	3.000	.500	BCFJF	I	PS-4345
C	2.875	1.500	3	3.000	.500	BCFKF		PS-1020
C	2.875	1.500	3	3.000	.500	QCFJF	I	PS-4287
C	2.875	1.500	3	3.000	.500	QCFKF	I	PS-1020-EPR-P66
C	2.875	1.500	3	3.000	.500	QCFZF		PS-3027
C	2.875	1.500	3	3.000	.500	VCFKF		PS-1020V
C	2.875	1.500	28	4.330	1.060	BCFKF		PS-1037
C	2.875	1.500	28	4.330	1.060	VCFKF		PS-1037V
C	2.875	2.125	1	2.750	.500	BCFJF		PS-2133
C	2.875	2.125	1	2.750	.500	BCFJF	I	PS-2133-P66
C	2.875	2.125	1	2.750	.500	BCFKF		PS-1017
C	2.875	2.125	1	2.750	.500	BCFZF		PS-1017-TC-SEAT
C	2.875	2.125	1	2.750	.500	QCFKF	I	PS-3674
D	3.000	1.500	—	—	—	BCD-F		PS-196
D	3.000	1.500	1	2.625	.500	BCDKF		PS-876
D	3.000	1.500	1	2.750	.500	BCDJF		PS-445
D	3.000	1.500	1	2.750	.500	BCDKF		PS-462
D	3.000	1.500	1	2.750	.500	BCFJF		PS-2073
D	3.000	1.500	1	2.750	.500	VCDJF		PS-445V-CMS
D	3.000	1.500	1	2.750	.500	VLZF		PS-2073V-SC-TC-CMS
D	3.000	1.500	3	2.750	.500	BCDJF		PS-833
D	3.000	1.500	3	2.750	.500	BCDKF		PS-832
D	3.000	1.500	3	2.750	.500	BCFJF		PS-2075
D	3.000	1.500	3	2.750	.500	BCFKF		PS-2076
D	3.000	1.500	3	2.750	.500	NCPGP		PS-193
D	3.000	1.500	3	2.750	.500	VCDJF		PS-445V
D	3.000	1.500	3	2.750	.500	VCDKF		PS-462V
D	3.093	1.125	3	2.812	.500	NCPGP		PS-333
E Special	2.625	1.843	3	3.031	.500	NCDKF		PS-3952
E	2.625	2.125	—	—	—	BCF-F	316SS	PS-2112
E	2.625	2.125	—	—	—	VCF-F	316SS	PS-2112V
E	2.625	2.125	—	—	—	VCF-F	316SS/I	PS-2112V-P66
E	2.625	2.125	1	2.687	.500	BCFJF		PS-319
E	2.625	2.125	1	2.687	.500	BCFJF	I	PS-319-P66
E	2.625	2.125	1	2.687	.500	BCFKF		PS-478
E	2.625	2.125	1	2.750	.500	BCFJF		PS-479
E	2.625	2.125	1	2.750	.500	BCFKF		PS-843
E	2.625	2.125	1	2.750	.500	BLFZF		PS-479-SC-TC
E	2.625	2.125	1	2.750	.500	VCFJF	I	PS-479V-CMS-P66
E	2.625	2.125	1	2.750	.500	VCFZF		PS-479V-TC-CMS
E	2.625	2.125	3	2.750	.500	BCFJF		PS-530
E	2.625	2.125	3	2.750	.500	BCFKF		PS-477
E	2.625	2.125	3	2.750	.500	BCFKF	I	PS-477-P66
E	2.625	2.125	3	2.750	.500	BCFKF	316SS/I	PS-3522
E	2.625	2.125	3	2.750	.500	BCFZF		PS-477-TC-SEAT
E	2.625	2.125	3	2.750	.500	BLFLF	316SS	PS-4432
E	2.625	2.125	3	2.750	.500	BZFLF		PS-477-TC-SC
E	2.625	2.125	3	2.750	.500	BZFZF		PS-477-TC-TC
E	2.625	2.125	3	2.750	.500	NCPKP		PS-342

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.000 (2") (continued)</b>								
E	2.625	2.125	3	2.750	.500	QCFJF		PS-4376
E	2.625	2.125	3	2.750	.500	QCFKF		PS-477-EPR
E	2.625	2.125	3	2.750	.500	QCFLF		PS-477-EPR-SC
E	2.625	2.125	3	2.750	.500	QCFZF	I	PS-3639
E	2.625	2.125	3	2.750	.500	VCFJF		PS-479V
E	2.625	2.125	3	2.750	.500	VCFKF		PS-477V
E	2.625	2.125	3	2.750	.500	VCFZF		PS-477V-TC-SEAT
E	2.625	2.125	3	2.750	.500	VCFZF	316SS	PS-3999
E	2.625	2.125	3	2.750	.500	VZFZF		PS-477V-TC-TC
E	2.625	2.125	1	2.750	.500	BCFZF	I	PS-3708
E	2.625	2.125	3	3.000	.500	BCFKF		PS-4312
E Balanced	2.625	2.500	1	2.625	.500	BCFJF		PS-7910
E Balanced	2.625	2.500	3	2.625	.500	BCFKF		PS-7892
E Balanced	2.625	2.500	3	2.625	.500	BCFZF		PS-4291
E Balanced	2.625	2.500	3	2.625	.500	VCFJF		PS-4419
E Balanced	2.625	2.500	3	2.625	.500	VCFKF		PS-7890
G	2.598	1.500	25	2.750	.500	QCFLF		PS-4357
G	2.598	1.500	25	2.750	.500	QCFLF	316SS	PS-3019
K	2.859	2.125	3	2.750	.500	BCFKF		PS-1040
K	2.859	2.125	3	2.750	.500	BZ/CFZ/JF		PS-4343
K	2.875	1.500	1	2.775	.500	BL/CFZ/CF		PS-4294
K	2.875	2.125	1	2.750	.500	BCFJF		PS-2143
K	2.875	2.125	3	2.750	.500	BCFJF		PS-7196
K	2.875	2.125	3	2.750	.500	VCFJF		PS-7196V
K	2.875	2.125	3	3.000	.500	BCFJF		PS-7963
R	3.000	2.125	1	2.750	.500	BCDJF		PS-1610
R	3.000	2.125	1	2.750	.500	BCDKF		PS-658
U	2.625	2.000	3	2.750	.500	BCFKF		PS-385A
U	2.625	2.000	3	2.750	.500	VLFLF		PS-4391
U	2.625	2.000	3	2.750	.500	VZFLF	C	PS-7616
U	2.625	2.218	1	2.750	.500	BCFKF		PS-456-CMS
U	2.625	2.218	3	2.750	.500	BCFKF		PS-456
U	2.625	2.218	3	2.750	.500	QCFKF		PS-456-EPR
U	2.625	2.218	3	2.750	.500	QCFZF	I	PS-3591
U	2.625	2.218	3	2.750	.500	VCFKF		PS-456V
U	2.625	2.218	3	2.750	.500	VCFZF		PS-456V-TC-SEAT
U	2.625	2.218	3	2.750	.500	VLFLF		PS-456V-SC-SC
Special	2.750	.750	Special	2.750	.375	BCFAF		PS-4052
<b>2.062 (2-1/16")</b>								
E	2.812	2.375	3	2.875	.562	BCDKF		PS-707
T	2.812	3.375	3	2.937	.562	BCFKF		PS-3562
<b>2.125 (2-1/8")</b>								
C	2.812	1.197	2	3.000	.500	VCFKF	316SS	PS-5706
C	2.968	1.687	3	3.000	.562	QCFZF		PS-4314
C	3.000	1.687	—	—	—	BCF-F		FA-2120
C	3.000	1.687	3	2.875	.562	BCFJF		PS-854
C	3.000	1.687	3	2.875	.562	BCFKF		PS-855
C	3.000	1.687	1	3.000	.562	BCFJF		PS-844
C	3.000	1.687	1	3.000	.562	BCFKF		PS-543
C	3.000	1.687	1	3.000	.562	VCFJF		PS-4436
C	3.000	1.687	3	3.000	.562	BCFJF		PS-338
C	3.000	1.687	3	3.000	.562	B/VCFKF		PS-1057
C	3.000	1.687	3	3.000	.562	VCFJF		PS-338V
C	3.000	1.687	3	3.000	.562	VCFKF		PS-543V

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.125 (2-1/8") (continued)</b>								
C	3.000	1.687	3	3.000	.562	VCFLF		PS-3606
C	3.000	1.687	3	3.000	.562	VLFLF		PS-338V-SC-SC
C	3.000	2.375	3	3.000	.562	BCFJF		PS-4235
C	3.000	2.375	3	3.000	.562	VCFKF		PS-4276
D	3.250	1.687	1	3.000	.562	BCFJF		PS-1686
D	3.250	1.687	1	3.000	.562	BCFKF		PS-1687
D	3.250	1.687	1	3.000	.562	VCFLF	I	PS-3035
D	3.250	1.687	2	3.000	.562	BCDKF		PS-4437
D	3.250	1.687	3	3.000	.562	BCFJF		PS-2093
D	3.250	1.687	3	3.000	.562	VCFLF	I	PS-4079
D	3.250	1.687	3	3.000	.562	VCFKF		PS-4080
E	2.812	2.312	3	2.875	.562	BCFKF	C	PS-4243
E	2.812	2.375	—	—	—	BCF-F	316SS	FA-3502
E	2.812	2.375	3	2.812	.437	BCFJF		PS-611
E	2.812	2.375	3	2.812	.437	BCFJF	I	PS-611-P66
E	2.812	2.375	3	2.812	.437	BCFKF		PS-1612
E	2.812	2.375	3	2.812	.437	VCFKF		PS-1612V
E	2.812	2.375	3	2.875	.562	BCFJF		PS-856
E	2.812	2.375	3	2.875	.562	BCFKF		PS-857
E	2.812	2.375	3	2.875	.562	VCFZF		PS-857V-TC-SEAT
E	2.812	2.375	3	2.875	.562	VZFLF		PS-859V-TC-SC
E	2.812	2.375	1	3.000	.562	BCFJF		PS-537
E	2.812	2.375	1	3.000	.562	BCFKF		PS-353
E	2.812	2.375	3	3.000	.562	BCFJF		PS-327
E	2.812	2.375	3	3.000	.562	BCFKF		PS-2086
E	2.812	2.375	3	3.000	.562	VCFJF		PS-327V
E	2.812	2.375	3	3.000	.562	VCFKF		PS-353V
E	2.812	2.375	3	3.000	.562	VLFJF	316SS	PS-4434
E Balanced	2.812	2.750	3	2.750	.500	BCFJF	316SS	PS-3714
E Balanced	2.812	2.750	3	2.750	.500	VCFJF	316SS	PS-4418
G	2.717	1.181	3	3.000	.562	QCFJF	316SS	PS-3020
K	2.968	2.125	1	3.000	.562	VCFZF		PS-3765-TC-SEAT
K	2.968	2.125	1	3.000	.562	VCFRF		PS-3765
K	3.000	2.125	1	3.000	.562	BCFJF		PS-887
K	3.000	2.125	3 Special	3.000	.562	VCFKF		PS-6120
K	3.000	2.125	3 Special	3.000	.562	VCFZ/KF	I	PS-6121
T	2.812	3.375	3	3.000	.562	BCFJF		PS-2126
T	2.812	3.375	3	3.000	.562	BLFZF		PS-4388
U	2.812	2.812	1	3.000	.562	BCFKF		PS-556
V	2.750	1.625	1	3.187	.875	BCFJF		PS-1107-CMS
V	2.750	2.562	3	3.140	.562	BCFJF		PS-1102
W	3.000	1.687	2	3.000	.562	TCFJF	316SS	PS-9122
XB2	3.125	1.156	27	3.375	1.000	VCFJF	316SS	PS-8035
XB2	3.125	1.312	27	3.562	1.000	VCFJF	316SS	PS-8057
<b>2.187 (2-3/16")</b>								
D	3.468	.969	2	3.000	.406	BCFKF		PS-5005
D	3.468	.969	2	3.000	.406	QCFKF		PS-5719
D	3.468	.969	2	3.000	.406	VCFKF		PS-5024
<b>2.250 (2-1/4")</b>								
C	3.125	1.187	1	3.125	.562	BCFJF		PS-7138
C	3.125	1.187	1	3.125	.562	BCFKF		PS-7782
C	3.125	1.187	1	3.125	.562	BZFZF		PS-7138-TC-TC
C	3.125	1.187	1	3.125	.562	VLFZF		PS-7138V-SC-TC-CMS
C	3.125	1.187	3	3.125	.562	BLFZF		PS-3966
C	3.125	1.187	3	3.125	.562	VCFKF		PS-6248

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.250 (2-1/4") (continued)</b>								
C	3.125	1.437	1	3.125	.562	BCFJF		PS-1087
C	3.125	1.437	1	3.125	.562	BZFZF		PS-7064
C	3.125	1.688	1	3.125	.562	BCFJF		PS-1679
C	3.125	1.688	1	3.125	.562	BCFJF	I	PS-1679-P66
C	3.125	1.688	1	3.125	.562	BCFKF		PS-1680
C	3.125	1.688	1	3.125	.562	BCFKF	I	PS-1680-P66
C	3.125	1.688	1	3.125	.562	BLFLF		PS-1680-SC-SC
C	3.125	1.688	1	3.125	.562	VCFJF		PS-1679V-CMS
C	3.125	1.688	1	3.125	.562	VCFKF		PS-1680V
C	3.125	1.688	1	3.125	.562	VZFZF		PS-3773
C	3.125	1.688	3	3.125	.562	BCFJF		PS-1678
C	3.125	1.688	3	3.125	.562	BCFKF		PS-1676
C	3.125	1.688	3	3.125	.562	BCFKF	I	PS-1676-P66
C	3.125	1.688	3	3.125	.562	B/VCFZF		PS-1676-TC-SEAT
C	3.125	1.688	3	3.125	.562	QCFKF	I	PS-1676-EPR
C	3.125	1.688	3	3.125	.562	QCFKF	I	PS-1676-EPR-P66
C	3.125	1.688	3	3.125	.562	QCFZF	I	PS-7750
C	3.125	1.688	3	3.125	.562	VCFJF		PS-1678V
C	3.125	1.688	3	3.125	.562	VCFKF		PS-1676V
C	3.125	1.688	3	3.125	.562	VCFZF		PS-1676V-TC-SEAT
C	3.125	1.695	3	3.125	.500	VCFLF		PS-6233
C	3.125	2.375	1	3.125	.562	BCFJF		PS-3537
D	3.375	1.688	—	—	—	BCD-F		PS-942
D	3.375	1.688	1	3.125	.562	BCDJF		PS-874
D	3.375	1.688	1	3.125	.562	BCDKF		PS-941
D	3.375	1.688	1	3.125	.562	BCFJF		PS-2087
D	3.375	1.688	1	3.125	.562	BCFKF		PS-2088
D	3.375	1.688	3	3.125	.562	BCDJF		PS-846
D	3.375	1.688	3	3.125	.562	BCDKF		PS-847
D	3.375	1.688	3	3.125	.562	BCFJF		PS-2089
D	3.375	1.688	3	3.125	.562	BCFKF		PS-2090
D	3.375	1.688	3	3.125	.562	VCDKF		PS-941V
D	3.468	1.688	3	3.125	.562	Special		PS-5358
E	2.938	2.375	1	3.125	.562	BCDJF		PS-323
E	2.938	2.375	1	3.125	.562	BCDJF	I	PS-323-P66
E	2.938	2.375	1	3.125	.562	BCDKF		PS-351
E	2.938	2.375	1	3.125	.562	BCFJF		PS-2091
E	2.938	2.375	1	3.125	.562	BCFKF		PS-2092
E	2.938	2.375	1	3.125	.562	BLFZF		PS-323-SC-TC-CMS
E	2.938	2.375	1	3.125	.562	VCDKF		PS-351V-CMS
E	2.938	2.375	3	3.125	.562	BCDJF		PS-848
E	2.938	2.375	3	3.125	.562	BCDKF		PS-849
E	2.938	2.375	3	3.125	.562	BCFJF		PS-1688
E	2.938	2.375	3	3.125	.562	BCFKF		PS-2094
E	2.938	2.375	3	3.125	.562	B/VZFZF		PS-3530
E	2.938	2.375	3	3.125	.562	QCFLF	316SS/I	PS-4409
E	2.938	2.375	3	3.125	.562	VCDKF		PS-351V
E	2.938	2.375	3	3.125	.562	VCDKF		PS-4383
E	2.938	2.375	3	3.125	.562	VCFJF	316SS	PS-1688V
E	2.938	2.375	3	3.125	.562	VCFJF	316SS/I	PS-3576
E	2.938	2.375	3	3.125	.562	VCFKF		PS-2094V
E	2.938	2.375	27	3.906	1.000	VCFKF		PS-3951
E Balanced	2.938	2.750	3	3.000	.562	BCFJF		PS-3784
E Balanced	2.938	2.750	3	3.000	.562	BCFKF		PS-3643

NOTE: I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.250 (2-1/4") (continued)</b>								
E Balanced	2.938	2.750	3	3.000	.562	BCFZF		PS-7749
E Balanced	2.938	2.750	3	3.000	.562	VCFLF	I	PS-4380
E Balanced	2.938	2.750	3	3.000	.562	VCFZF	I	PS-3656
K	3.109	2.562	3	3.281	.562	BCFKF	I	PS-7060
K	3.125	1.875	1	3.125	.562	BCFJF		PS-7431
K	3.125	2.125	3	3.125	.562	BCFJF		PS-7766
Q	3.500	.750	3	3.000	.406	NMPAP		PS-6301
Q	3.625	.750	1	3.375	.281	BMPAP		PS-6302
Q	3.660	.750	1	3.375	.281	VMPSP		PS-4041
T	2.938	3.375	3	3.125	.562	BCDJF		PS-2132
<b>2.375 (2-3/8")</b>								
C	3.219	1.813	1	3.250	.562	BCFJF		PS-268-CMS
C	3.219	1.813	1	3.250	.562	BCFJF	I	PS-268-CMS-P66
C	3.219	1.813	1	3.250	.562	BCFKF		PS-492-CMS
C	3.219	1.813	1	3.250	.562	BCFKF	I	PS-492-CMS-P66
C	3.219	1.813	1	3.250	.562	VCFKF		PS-492V-CMS
C	3.219	1.813	3	3.250	.562	BCFJF		PS-268
C	3.219	1.813	3	3.250	.562	BCFJF	I	PS-268-P66
C	3.219	1.813	3	3.250	.562	BCFKF		PS-492
C	3.219	1.813	3	3.250	.562	BCFKF	I	PS-492-P66
C	3.219	1.813	3	3.250	.562	VCFJF		PS-268V
C	3.219	1.813	3	3.250	.562	VCFJF	I	PS-268V-P66
C	3.219	1.813	3	3.250	.562	VCFZF		PS-492V-TC-SEAT
C	3.219	1.813	28	5.118	1.060	BCFKF		PS-1677
D	3.500	1.813	3	3.250	.562	BCDJF		PS-834
D	3.500	1.813	3	3.250	.562	BCDJF	I	PS-834-P66
D	3.500	1.813	3	3.250	.562	BCDKF		PS-594
D	3.500	1.813	3	3.250	.562	BCDKF	I	PS-594-P66
D	3.500	1.813	3	3.250	.562	BCFKF		PS-2095
D	3.500	1.813	3	3.250	.562	QCFJF		PS-834-EPR
E	3.062	2.500	—	—	—	BCF-F		FA-2098
E	3.062	2.500	—	—	—	VCF-F		FA-350V
E	3.062	2.500	1	3.250	.562	BCFJF		PS-2097-CMS
E	3.062	2.500	1	3.250	.562	BCFKF		PS-350-CMS
E	3.062	2.500	1	3.250	.562	BCFZF	I	PS-4006
E	3.062	2.500	3	3.250	.562	BCFJF		PS-278
E	3.062	2.500	3	3.250	.562	BCFJF	I	PS-278-P66
E	3.062	2.500	3	3.250	.562	BCFKF		PS-350
E	3.062	2.500	3	3.250	.562	VCFJF		PS-278V
E	3.062	2.500	3	3.250	.562	VCFKF		PS-2098V
E	3.062	2.500	3	3.250	.562	VCFZF	I	PS-350V-P66-TC
E	3.062	2.500	3	3.250	.562	VZFLF	316SS	PS-7935
E	3.062	2.875	3	3.250	.562	QLFLF	C	PS-4162
E Balanced	3.062	2.875	3	3.125	.562	VCFZF		PS-3936V-TC-SEAT
G	3.150	1.299	1	3.250	.562	BCFJF		PS-3008
G	3.150	1.299	1	3.250	.562	BLFZF		PS-3022
K	3.219	2.125	3	3.250	.562	BCFJF		PS-1694
K	3.219	2.125	3	3.250	.562	BCFKF		PS-1041
X	3.250	1.687	3	3.250	.562	VCFLF	316SS	PS-8003
X Balanced	3.250	2.125	3	3.000	.500	VCFLF	316SS	PS-8069
<b>2.437 (2-7/16")</b>								
E	3.312	1.687	3	3.437	.375	BCPKP		PS-7580
E	3.312	1.687	3	3.437	.375	VCPKF		PS-3751
W	3.312	1.687	28	4.000	.750	TCFKF	316SS	PS-9333

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.500 (2-1/2")</b>								
C	3.344	1.500	—	—	—	NCF-F		PS-6147
C	3.344	1.813	1	3.375	.562	BCFJF		PS-2120
C	3.344	1.813	3	3.375	.562	BCFJF		PS-269
C	3.344	1.813	3	3.375	.562	BCFKF		PS-853
C	3.344	1.813	3	3.375	.562	VCFJF		PS-269V
C	3.515	1.813	3 Special	3.375	.562	VCFKF		PS-6138
C	3.515	1.862	3	3.375	.562	VLFLF		PS-3877
D	3.625	1.813	3	3.250	.437	BCDJF		PS-468
D	3.625	1.813	3	3.250	.437	BCDKF		PS-469
D	3.625	1.813	3	3.375	.562	BCDJF		PS-835
D	3.625	1.813	3	3.375	.562	BCDKF		PS-463
D	3.625	1.813	3	3.375	.562	BZFLF		PS-463-TC-SC
D	3.625	1.813	3	3.375	.562	VCDKF		PS-463V
D	3.625	1.813	3	3.375	.562	VZFLF		PS-3888
D	3.718	1.250	3	3.375	.562	VCPGP		PS-335V
E	3.062	2.500	3	3.375	.562	QCFZF	I	PS-7985
E	3.187	1.813	3	3.500	.422	BCFJF		PS-6254
E	3.187	2.500	3	3.250	.562	BCPKF		PS-3924
E	3.187	2.500	3	3.250	.562	QCFZF	I	PS-3516
E	3.187	2.500	1	3.375	.562	BCFJF	I	PS-279-CMS-P66
E	3.187	2.500	1	3.375	.562	BLFZF		PS-4411
E	3.187	2.500	3	3.375	.562	BCFJF		PS-279
E	3.187	2.500	3	3.375	.562	BCFKF		PS-349
E	3.187	2.500	3	3.375	.562	BCFKF	I	PS-349-P66
E	3.187	2.500	3	3.375	.562	BCFKF	I	PS-2205
E	3.187	2.500	3	3.375	.562	BCFZF		PS-349-TC-SEAT
E	3.187	2.500	3	3.375	.562	QCFKF	I	PS-2205-EPR
E	3.187	2.500	3	3.375	.562	VCFKF		PS-349V
E	3.187	2.500	3	3.375	.562	VCFLF		PS-349V-SC-SEAT
E	3.187	2.500	3	3.375	.562	VLFZF		PS-279V-SC-TC
E	3.187	2.500	3	3.375	.562	VZFLF		PS-349V-TC-SC
G	3.268	1.811	25	3.375	.562	QCFLF		PS-3804
K	3.375	1.750	3 Special	3.375	.562	VCFZF		PS-6140
K	3.344	1.750	3 Special	3.375	.562	VCFKF		PS-6141
K	3.344	2.125	1	3.375	.562	BCFJF		PS-2158
K	3.344	2.125	1	3.375	.562	BLFLF		PS-4311
K	3.344	2.125	3	3.375	.562	BCFJF		PS-1613
K	3.344	2.125	3	3.375	.562	BCFKF		PS-1695
T	3.187	2.656	3	3.500	.422	BCFJF		PS-4072
T	3.187	2.656	3	3.500	.422	VCFJF		PS-6244
T	3.187	2.656	3	3.500	.422	VLFZF		PS-6243
V	3.187	2.375	3	3.500	.562	BCFJF		PS-2147
XB1	3.375	2.063	3	3.125	.562	VCFZF	316SS	PS-8103
<b>2.625 (2-5/8")</b>								
D	3.875	1.937	—	—	—	NCP-P	I	PS-6151
D	3.875	1.937	3	3.375	.625	BCFJF	I	PS-7909
D	3.875	1.937	3	3.375	.625	VCFKF		PS-6002
E	3.375	2.625	3	3.625	.593	QCFLF	C	PS-4392
E	3.375	2.750	3	3.375	.625	BCFJF		PS-328
E	3.375	2.750	3	3.375	.625	BCFJF	I	PS-328-P66
E	3.375	2.750	3	3.375	.625	BCFKF		PS-542
E Balanced	3.375	3.125	3	3.375	.562	BCFJF		PS-7703
E Balanced	3.375	3.125	3	3.375	.562	BCFZF		PS-7773
E Balanced	3.375	3.125	3	3.375	.562	BCFKF		PS-7927

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.750 (2-3/4")</b>								
C	3.625	1.687	27	4.406	.779	VCFGF		PS-6154
C	3.750	1.125	1	3.500	.625	BCFJF		PS-6205
C	3.750	1.125	1	3.500	.625	BCFZF		PS-2154-TC-CMS
C	3.750	1.125	1	3.500	.625	BLFLF		PS-2154-SC-SC-CMS
C	3.750	1.125	1	3.500	.625	BLFZF		PS-2154-SC-TC-CMS
C	3.750	1.125	1	3.500	.625	BZFLF		PS-6220
C	3.750	1.125	1	3.500	.625	BZFZF		PS-6908
C	3.750	1.125	1	3.500	.625	VZFZF		PS-4381
C	3.750	1.125	3	3.500	.625	BCFJF		PS-2154
C	3.750	1.125	3	3.500	.625	B/VCFZF		PS-2154-TC-SEAT
C	3.750	1.125	3	3.500	.625	VCFJF		PS-6207
C	3.750	1.125	3	3.500	.625	VLFLF		PS-2154V-SC-SC
C	3.750	1.125	3	3.500	.625	VZFZF		PS-2154V-TC-TC
C	3.750	1.500	3	3.500	.625	BCFJF		PS-3994
C	3.750	1.500	3	3.500	.625	BLFLF		PS-6239
C	3.750	1.500	3	3.500	.625	BLFZF		PS-4366
C	3.750	1.500	3	3.500	.625	VLZFZ		PS-3661
C	3.750	1.937	1	3.500	.625	BCFJF		PS-836-CMS
C	3.750	1.937	1	3.500	.625	BZFZF		PS-4308
C	3.750	1.937	3	3.500	.625	BCFJF		PS-836
C	3.750	1.937	3	3.500	.625	BCFJF	I	PS-836-P66
C	3.750	1.937	3	3.500	.625	BCFKF		PS-483
C	3.750	1.937	3	3.500	.625	QCFKF	I	PS-483-EPR-P66
C	3.750	1.937	3	3.500	.625	VCFKF		PS-6155
C	3.750	1.937	3	3.500	.625	VCFZF		PS-483V-TC-SEAT
C	3.750	2.000	3	3.500	.625	VCFKF		PS-2152V
D	4.000	1.937	3	3.500	.625	BCFJF		PS-837
D	4.000	1.937	3	3.500	.625	BCFJF	I	PS-837-P66
D	4.000	1.937	3	3.500	.625	BCFKF		PS-464
E	3.500	2.750	3	3.500	.625	BCFZF	I	PS-321-P66-TCO
E	3.500	2.750	3	3.500	.625	V/BCFJF		PS-838
E	3.500	2.750	3	3.500	.625	V/BCFJF	I	PS-838-P66
E	3.500	2.750	3	3.500	.625	V/BCFKF		PS-321
E	3.500	2.750	3	3.500	.625	VCFKF		PS-321V
E	3.500	2.750	3	3.500	.625	VCFLF	316SS	PS-4089
E	3.500	2.750	3	3.500	.625	VCFZF	316SS	PS-7936
K	3.750	2.500	3	3.500	.625	BCFJF		PS-2148
K	3.750	3.750	3	3.500	.625	BCFKF		PS-322
W	3.625	1.687	2	3.500	.625	TCFJF	316SS	PS-9314
X Balanced	3.625	2.062	3	3.375	.562	VCFZF	316SS	PS-8102
<b>2.875 (2-7/8")</b>								
C	3.875	2.062	3	3.750	.625	BCFJF		PS-270
C	3.875	2.062	3	3.750	.625	BCFKF		PS-839
E	3.625	2.875	3	3.750	.625	BCFJF		PS-329
E	3.625	2.875	3	3.750	.625	BCFJF	I	PS-329-P66
E	3.625	2.875	3	3.750	.625	BCFKF		PS-841
E	3.625	2.875	3	3.750	.625	BCFKF	I	PS-841-P66
E	3.625	2.875	3	3.750	.625	QCFKF		PS-841-EPR
K	4.500	1.700	3 Special	4.500	.292	NCFGF		PS-4028
V	3.625	2.250	3	3.750	.625	VCFJF/VCFJF		PS-4296
<b>3.000 (3")</b>								
C	3.843	1.125	3 Special	3.875	.625	VCFKF		PS-6173
C	4.000	1.125	1	3.875	.625	BCFJF		PS-2153-CMS

**NOTE:** I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>3.000 (3") (continued)</b>								
C	4.000	1.125	1	3.875	.625	BCFZF		PS-2153-TC-CMS
C	4.000	1.125	1	3.875	.625	BLFLF		PS-2153-SC-SC-CMS
C	4.000	1.125	1	3.875	.625	BZFZF		PS-7998
C	4.000	1.125	1	3.875	.625	VLFLF		PS-2153V-SC-SC-CMS
C	4.000	1.125	1	3.875	.625	VLZFZ		PS-4378
C	4.000	1.125	1	3.875	.625	VZFZF		PS-3539
C	4.000	1.125	1	3.875	.625	VZFZF		PS-6214
C	4.000	1.125	1	3.875	.625	VZFZF		PS-2153V-TC-TC
C	4.000	1.125	3	3.875	.625	BCFJF		PS-2153
C	4.000	1.125	3	3.875	.625	BCFKF		PS-4367
C	4.000	1.125	3	3.875	.625	BLFZF		PS-6249-SC-TC
C	4.000	1.125	3	3.875	.625	BZFZF		PS-2153-TC-TC
C	4.000	1.125	3	3.875	.625	BZFZF		PS-6249
C	4.000	1.125	3	3.875	.625	VCFJF		PS-6206V
C	4.000	1.125	3	3.875	.625	VCFKF		PS-6250
C	4.062	1.312	1	3.875	.625	BCFJF	B	PS-1088-CMS
C	4.062	1.312	1	3.875	.625	BZFZF	B	PS-1088-TC-TC-CMS
C	4.062	1.312	1	3.875	.625	VZFZF	B	PS-1088V-TC-TC-CMS
C	4.062	1.312	3	3.875	.625	BCFJF	B	PS-1088
C	4.062	1.312	3	3.875	.625	BLFZF	B	PS-4352
C	4.062	1.312	3	3.875	.625	B/VZFZF	B	PS-1088-TC-TC
C	4.062	1.312	3	3.875	.625	VCFJF	B	PS-1088V
C	4.062	1.312	3	3.875	.625	VZFZF	B	PS-1088V-TC-TC
C	4.000	1.500	3	3.875	.625	BCFKF		PS-3600
C	4.000	1.500	3	3.875	.625	BLFLF		PS-6240
C	4.000	1.500	3	3.875	.625	BLFZF		PS-3701
C	4.000	2.062	1	3.875	.625	BCFJF		PS-1696-CMS
C	4.000	2.062	1	3.875	.625	BZFZF		PS-7875
C	4.000	2.062	1	3.875	.625	VCFJF		PS-4086
C	4.000	2.062	3	3.875	.625	BCFJF		PS-2116
C	4.000	2.062	3	3.875	.625	BCFKF		PS-2115
C	4.000	2.062	3	3.875	.625	BCFZF		PS-2115-TC-SEAT
C	4.000	2.062	3	3.875	.625	BLFLF		PS-2116-SC-SC
C	4.000	2.062	3	3.875	.625	VLFLF		PS-6225
C	4.000	2.062	3 Special	3.875	.625	VCFKF	H	PS-6172
D	4.250	2.062	1	3.875	.625	BZFZF		PS-6202
D	4.250	2.062	3	3.875	.625	BCDJF		PS-761
D	4.250	2.062	3	3.875	.625	BCDKF		PS-465
D	4.250	2.062	3	3.875	.625	BZFLF		PS-6219
D	4.250	2.062	3	3.875	.625	VCDKF		PS-465V
D	4.250	2.062	3	3.875	.625	VZFLF		PS-6232
D	4.250	2.062	3	3.875	.625	VZFZF		PS-3776
D	4.250	2.062	3	3.875	.781	VZFLF		PS-4033
D	4.250	2.062	3	4.000	.625	NCPGP		PS-3713
D	4.250	2.062	3	4.000	.625	VCDGF		PS-4324
E	3.750	2.625	3	4.000	.500	BCFJF		PS-3969
E	3.750	2.813	1	3.875	.625	BCDJF	I	PS-324-P66-CMS
E	3.750	2.813	3	3.875	.625	BCDJF		PS-324
E	3.750	2.813	3	3.875	.625	BCDKF		PS-475
E	3.750	2.813	3	3.875	.625	BCFJF		PS-324SS
E	3.750	2.813	3	3.875	.625	BCFKF		PS-5252
E	3.750	2.813	3	3.875	.625	VCFJF		PS-324SSV
E	3.750	2.875	3	3.875	.625	VCDGP		PS-6174
E	3.750	2.875	3	3.875	.625	VCDKF		PS-1060V

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>3.000 (3") (continued)</b>								
E	3.750	2.875	3	3.875	.625	VCFKF	316SS	PS-4172
E	3.750	2.875	3	4.000	.500	BCFJF		PS-4082
G	3.898	2.062	1	3.875	.625	VLFLF	316SS	PS-3021
G	3.898	2.062	3	3.875	.625	QCFLF		PS-3802
K	3.968	1.750	3 Special	3.875	.625	NCFKF		PS-6169
K	3.968	1.750	3 Special	3.875	.625	VCFKF		PS-6171
K	4.000	2.062	3	3.875	.625	BZFZF		PS-4196
K	4.000	2.125	3	3.875	.625	BCFJF		PS-7873
K	4.000	2.500	1	3.875	.625	BCFJF		PS-3518
K	4.000	2.500	3	3.875	.625	BCFKF		PS-2141
K	4.000	2.500	3	3.875	.625	BLFLF		PS-2141-SC-SC
K	4.000	2.500	3	3.875	.625	VCFJF		PS-6228
R	4.250	2.750	3	3.875	.625	BCDKF		PS-284
R	4.250	3.000	3	3.875	.562	NCPGP		PS-6175
T	3.750	3.125	3	4.000	.500	BCFJF		PS-7993
U	3.750	3.000	3	3.875	.625	BCFJF		PS-3836
V	3.750	2.750	3	4.000	.500	BCFJF	316SS	PS-7215
V	3.750	2.750	3	4.000	.500	BCFZF		PS-4069
W	3.812	1.687	2	3.875	.625	TCFJF	316SS	PS-9140
<b>3.125 (3-1/8")</b>								
V	3.875	3.062	3	4.750	.781	BCFJF		PS-1069
X	3.937	1.687	3	4.000	.781	VCFZF	316SS	PS-8086
<b>3.250 (3-1/4")</b>								
C	4.406	1.562	3	4.125	.781	BCFJF		PS-4127
C	4.406	1.562	3	4.125	.781	BCFKF		PS-6258
C	4.406	1.562	3	4.125	.781	BLFZF		PS-3702
C	4.406	1.562	3	4.125	.781	BZFZF		PS-6251
C	4.406	1.562	3	4.125	.781	VCFJF		PS-6253
C	4.406	1.562	3	4.125	.781	VCFKF		PS-6252
C	4.250	2.187	3	4.125	.781	VCFJF		PS-7835V
C	4.250	2.187	3	4.125	.781	VLFLF		PS-6226
D	4.187	2.187	3	4.125	.781	BZFZF		PS-3827
D	4.687	2.187	3	4.125	.781	BCFJF		PS-7172
D	4.687	2.187	3	4.125	.781	VCFJF		PS-6201
D	4.687	2.187	3	4.500	.781	BCFKF		PS-4175
E	4.125	3.125	3	4.125	.781	BCDJF		PS-330
K	4.187	2.625	3	4.125	.781	VCFJF		PS-6227
K	4.250	2.875	3	4.125	.781	BCFKF		PS-7244
U	4.125	3.032	3	4.125	.781	BCFJF		PS-4192
U	4.125	3.032	3	4.125	.781	BCFKF		PS-325SS
U	4.125	3.032	3	4.125	.781	VCFKF		PS-325SSV
U Balanced	4.125	3.812	5	3.875	.625	BCFZF	C	PS-4393
<b>3.375 (3-3/8")</b>								
C	4.500	2.187	3	4.250	.781	VCFKF		PS-6177
K	4.421	1.750	—	—	—	VCF-F		PS-3961
<b>3.437 (3-7/16")</b>								
U	4.375	2.937	3	4.375	.781	VCPKF		PS-3505
<b>3.500 (3-1/2")</b>								
C	4.625	2.187	3	4.375	.781	BCFJF		PS-6204
C	4.625	2.187	3	4.375	.781	BCFKF		PS-6245
C	4.625	2.187	3	4.375	.781	QCFZF		PS-4164
D	4.937	2.187	3	4.375	.781	V/BZFZF		PS-6221
D	4.937	2.187	3	4.375	.781	VZFZF		PS-3745

NOTE: C. COMPLETE WITH COLLAR

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>3.500 (3-1/2") (continued)</b>								
D	5.031	1.500	3	4.375	.781	BLFZF		PS-6256
E	4.375	3.125	3	4.375	.781	BCFJF	I	PS-4019
E	4.375	3.125	3	4.375	.781	BCFKF		PS-3858
G	4.402	2.189	3	4.375	.625	QCFLF		PS-3793
R	4.937	3.125	3	4.375	.781	BCFJF		PS-4236
T	4.375	3.562	3	4.375	.781	BCFKF		PS-4113
X	4.375	1.687	3	4.375	.781	VCFKF	316SS	PS-3862
W	4.375	1.687	3	4.375	.781	T/VCFKF	316SS	PS-9352
W	4.375	1.687	3	4.375	.781	T/VCFZF	316SS	PS-9337
<b>3.625 (3-5/8")</b>								
E	4.500	3.250	3	4.625	.781	BCFJF		PS-4043
E	4.500	3.750	3	4.625	.562	BCFJF		PS-3499
T	4.500	3.875	3	4.625	.562	BCFZF		PS-6237
T	4.500	3.875	3	4.781	.781	BCFKF	I	PS-3553
T	4.625	3.875	3	4.625	.562	BCFJF		PS-3684
V	4.375	2.625	3	4.625	.562	BCFJF		PS-3779
V	4.500	3.875	3	4.781	.781	BCFKF	I	PS-8054
<b>3.750 (3-3/4")</b>								
C	4.875	2.312	3	4.625	.781	BCFJF		PS-272
D	5.250	2.312	3	4.625	.781	VCFJF		PS-6203
D	5.406	1.562	3	4.625	.781	BLFZF		PS-4014
E	4.625	3.250	3	4.625	.781	BCFJF		PS-4278
U	4.625	3.500	3	4.625	.781	BCDKF		PS-7986
<b>3.875 (3-7/8")</b>								
X	4.750	1.688	3	4.750	.781	VCFKF	I	PS-8028
<b>4.000 (4")</b>								
E Balanced	4.880	3.750	3	4.625	.781	BCFJF		PS-7853
W	4.875	1.687	2	4.875	.781	TCFJF	316SS	PS-9351
<b>4.375 (4-3/8")</b>								
X	5.250	1.687	3	5.375	.781	VCFKF	316SS	PS-8060
<b>4.750 (4-3/4")</b>								
D	6.500	3.000	3	5.750	.781	BCFJF		PS-4199
XB1	5.750	2.062	3	5.500	.781	BCFLF	316SS	PS-8067
<b>5.000 (5")</b>								
C	6.375	2.937	3	6.000	.781	VCFJF		PS-4430
E	6.375	4.125	3	6.000	.781	BCFJF		PS-4209
K	6.375	3.781	3	6.000	.781	BCFKF		PS-2140
V	6.125	4.968	3	6.781	.781	BCFKF		PS-4414
X	6.000	1.688	3	6.000	.781	VLFZF	316SS	PS-8087
<b>5.375 (5-3/8")</b>								
D	7.375	2.750	3	6.375	.781	VZFLF		PS-6231
<b>5.625 (5-5/8")</b>								
D	7.687	2.750	3	6.625	.781	VCFJF		PS-6230

### NOTES

- |                         |                                    |
|-------------------------|------------------------------------|
| A. MOUNTS ON SHAFT      | H. SPRING HOLDER NOT INCLUDED      |
| B. TAPERED SPRING       | I. ABRASION RESISTANT CARBON (P66) |
| C. COMPLETE WITH COLLAR | N. NON-STANDARD SPRING HOLDER      |
| G. MOUNTS IN PLASTIC    |                                    |

On the head styles C, D and E, springholders may be included with seal but may not be necessary for the seal installation. Inspect old seal to verify if the springholder is required.

# COMMERCIAL APPLIANCE REPLACEMENT SEALS

U.S. Seal Part No.	Seal Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ADAMATION, INC. - (Dishwashers)</b>								
PS-3401	Q	9	—	1	NMDKF	A		75-7050-020
PS-758	C	1	2.125	1-1/2	BCFJF			55-6301-364-6193
<b>AUTOMATIC ICE &amp; BEVERAGE - (Ice Machines)</b>								
PS-6312	Q	Special	1.625	1	BMD/PA/NP			9121026-91
<b>BLAKESLEE, INC. - (Dishwashers and Prep Equipment)</b>								
PS-235V	C	3	1.625	1	VCFJF		PUMPAKS Models 30-010 - 30-023	32-036
PS-3401	Q	9	1.781	1	NMDKF	A		02255
<b>CHAMPION INDUSTRIES - (Dishwashers)</b>								
PS-200	A	1	1.250	5/8	BMFJF			106467
PS-447-EPR	B	8	—	5/8	QCFJF	A/I		108426
PS-3100	Q	—	—	1	NMDKF	Unitized		110276
PS-758	C	1	2.125	1-1/2	BCFJF			110611
<b>ELGIN SWEEPER CO. - (Street Sweepers)</b>								
PS-5625	Special	1	1.250	5/8	QC-J-			
<b>GLT, INC. - (Dishwashers / Disposals)</b>								
PS-6313	Q	1	1.019	1/2	BCFJF			185694-1
PS-1085V	C	1	1.250	5/8	VCFJF	B		114696
PS-6318	Q	9	1.578	1-1/8	VMFAF			117071
<b>HOBART CORP. - (Dishwashers / Disposals)</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		R-23682
PS-663	Q	1	1.000	1/2	BMFJF			C115710
PS-6313	Q	1	1.019	1/2	BCFJF			185694-4
PS-1085V	C	1	1.250	5/8	VCFJF	B		A104329, 00-114696
PS-235	C	1	1.625	1	BCFJF			R-79205
PS-539	C	1	1.625	1	BCFJF	H		R-87809
PS-754V	E	3	1.625	1	VCFJF			A104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-3854	Q	25	2.000	1-3/8	BMPAP			C-114144
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072
<b>HOYT CORP. - (Washers)</b>								
PS-6301	Q	3	3.000	2-1/4	NMPAP			28-488
<b>ICEE DISTRIBUTORS, INC. - (Frozen Drink Machines)</b>								
PS-6234	C	1	1.250	5/8	BCFJF			0-ID1339
<b>INSINGER MACHINE CO. - (Dishwashers)</b>								
PS-204	E	1	1.750	1-1/8	BCFJF	E		B15
<b>JACKSON MSC, INC. - (Dishwashers)</b>								
PS-1089	B	1	1.093	5/8	V/BCFJF			5330-300-09-27
PS-3440	C	1	1.750	1	BCFJF			5330-011-71-98



PS-3100 (See Champion Industries)



PS-5625 (See Elgin Sweeper Co.)

**NOTE:**  
 A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 E. LOCK COLLAR, IF REQUIRED, SOLD SEPERATELY  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

## COMMERCIAL APPLIANCE REPLACEMENT SEALS

U.S. Seal Part No.	Seal Head	Mating Ring	Mating Ring OD	Shaft Dia.	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KNIGHT EQPT. - (Dishwashers)</b>								
PS-200-EPR	A	1	1.250	5/8	QCFJF			9600745
<b>LABCONCO CORP. - (Dishwashers)</b>								
PS-6308	Q	9	1.250	11/16	Special	A		4485800
<b>LOU-RICH MACHINE TOOL - (Ice Machines)</b>								
PS-6305	Q	2	1.625	1	BMDAF			13417
<b>MANITOWOC CO., INC. - (Ice Machines)</b>								
PS-360	A	1	1.625	1	BCFJF			003705011
<b>MILE HIGH EQUIPMENT CO. - (Ice Machines)</b>								
PS-6312	Q	Special	1.625	1	Special			9121026-91
PS-6311	Q	Special	2.375	1-5/8	N/BMDAF			9121025-91
<b>PELLERIN MILNOR CORP. - (Laundry Equipment)</b>								
PS-750	D	1	1.375	3/4	BCDJF			24S020
<b>SCOTSMAN ICE SYSTEMS - (Ice Machines)</b>								
PS-380	D	1	1.625	1	BCFJF			
PS-6305	Q	2	1.625	1	BMDAF			02-1300-01
PS-4133	Q	Special	2.500	1-3/4	Special			02-0929-02
<b>SOMAT CORP. - (Ice Machines)</b>								
PS-359	C	1	1.250	5/8	BCFJF			54300
PS-309	C	1	1.500	7/8	BCFJF			54302
PS-529	C	3	1.750	1-1/8	BCFKF			54311
PS-801	C	3	1.750	1-1/8	BCFJF			54310
PS-544	C	3	2.375	1-5/8	BCFKF			54325
PS-332	C	3	2.750	2	BCFKF			54326
PS-6302	Q	1	3.375	2-1/4	BMPAP			54306
<b>SPECIALTY PACKAGING - (Dishwashers / Disposals)</b>								
PS-539	C	1	1.625	1	BCFJF	H		00-104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			00-223422
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072
<b>STERO CO. - (Dishwashers)</b>								
PS-3440	C	1	1.750	1	BCFJF			P571697
<b>SUPERIOR EQUIPMENT SOLUTIONS - (Dishwashers)</b>								
PS-3100	Q	—	—	1	NMDKF	Unitized		75-7050-020



PS-3440 (Stero Co.)



PS-4133 (See Scotsman Ice Systems)

NOTE: A. MOUNTS ON SHAFT  
H. SPRING HOLDER NOT INCLUDED

## CHOOSE THE RIGHT SEAL FOR YOUR POOL & SPA PUMP

### There ARE Different Seals for Different Applications

**STOP**

### Stop Using the WRONG SEAL

**STOP**

#### Silicon Carbide Seals Viton®/Silicon Carbide -

- For your most demanding applications, order our Silicon Carbide Seals
- Why risk damage to your expensive variable speed motors?
- Superior abrasion, corrosion and chemical resistance.
- Best choice for salt generators or ozonators.

#### Ozone/Salt Service Seals Viton®/Carbon Graphite -

- Use for applications involving salt chlorine generators or ozonators
- These applications require tough seals
- Request PS-3864, 3865R, 3866, 3867, 3868, 3869, 3986, 4280, and 7497V.

Viton® is a registered trademark of DuPont Performance Elastomers, LLC.

#### Buna/Carbon Seals Buna/Carbon Graphite -

- Recommended for spa applications
- Sintered carbon provides better resistance to abrasion, heat and chemicals
- Includes PS-952, 961, 3890, 3960, 3985, 4265, 4266, 4267, 4274, 4275, and 7497.

#### Premium Seals Buna/Graphitic Plastic -

- Industry standard for general pool applications
- Includes PS-100, 200, 201, 360, 501, 601, 1000 and 2131
- These seals are NOT RECOMMENDED for spas, ozonators or salt chlorine generators



If your seals look like either  
of these, you have a problem...  
Ask us how to fix this.



**STOP**

### Stop Using the WRONG LUBRICANT

**STOP**

Our U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, making the installation of mechanical seals fast and easy.

It provides a high degree of lubricity to all rubber components.

It maintains its wetness for a short period of time. But unlike PTFE or silicone based lubricants which penetrate the elastomer and never

allow the elastomer to grip the shaft or bore, U.S. SEALUBE evaporates.

Once the evaporation takes place, the component is dry to the touch. The lubricity is gone and will not return, even in the presence of moisture. Your seal is now locked in place.

Install mechanical seals like a Pro.

Use only U.S. SEALUBE.



# SCS SERIES FOR POOL & SPA PUMPS

For Your Most Demanding Commercial and Residential Applications

SCS Series	PS-1900	PS-1901	PS-1902	PS-1903	PS-1904	PS-1905	PS-1906	PS-1907	PS-1908	PS-1909	PS-1910	PS-1911
Ozone / Salt	PS-3866	PS-3867	PS-3868	PS-3864	PS-3986	PS-3865R	PS-3869	PS-4280	PS-201V-CMS	PS-3874	PS-4104	PS-7497V
Buna / Carbon	PS-4267	PS-3960	PS-4265	PS-952	PS-3985	PS-961	PS-4275	PS-3890	PS-851	PS-4266	PS-416A	PS-7497
Premium Seal	PS-100	PS-200	PS-201	PS-501	PS-601	PS-1000	PS-2131	—	PS-201	PS-360	—	—
Value Guard	VG-100	VG-200	VG-201	VG-501	VG-601	VG-1000	VG-2131	—	VG-201	VG-360	VG-416A	—

## SCS - SILICON CARBIDE SEALS



PS-1904

- ◆ Silicon Carbide, Viton®, and Stainless Steel
- ◆ Superior abrasion, corrosion, and chemical resistance
- ◆ More forgiving when pump is run dry or accidentally loses prime
- ◆ Compatible with all pool and spa chemicals
- ◆ Best choice for salt chlorine generators or ozonators



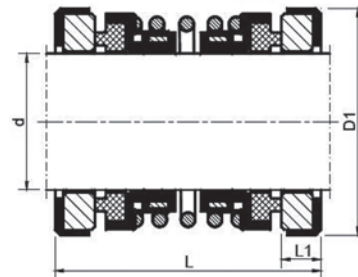
PS-1906

Why risk damage to your expensive variable speed motors?

## AQUASCAPE PUMP REPLACEMENT SEALS

Used In Decorative Ponds and Waterfalls

Value Guard Part No.	Seal Type	Material Code	d Seal Dia.	D1 Mating Ring Bore	Total Oper. Length	L1 Mating Ring Thk.
VGM-2966	VGMH	VCFLF / VLFLF	12	25	30.3	5
VGM-2967	VGMH	VCFLF / VLFLF	12	26	30.3	5
VGM-2968	VGMH	VCFLF / VLFLF	12	28	30.3	5
VGM-2969	VGMH	VCFLF / VLFLF	14	26	38.3	5
VGM-2970	VGMH	VCFLF / VLFLF	14	28	38.3	5
VGM-2971	VGMH	VCFLF / VLFLF	14	30	38.3	5



- Double Seal
- Unbalanced
- Bi-Directional
- Elastomer Bellows



## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	SCS Series	Ozone / Salt	Buna / Carbon	Premium Seal	Value Guard
<b>Acura Spa Systems</b>	Aquaheat	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Aquaheat Plus	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Magnaflow	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Magnaflow 56	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Maverick	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Supercharger	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Supercharger II	1090-A	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
<b>American Products</b>	Americana®	395005	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Americana II®	397012	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Bronze-Bronze	397012	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Bronze-Noryl®	395005	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Eagle®	397012	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Eagle®	397020	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Maxim™	397012	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Power-Glass®	397012	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
Ultra-Flo®	397020	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000	
<b>Ampro-Diaclear</b>	Dia Cast	AP-504D	—	—	—	PS-163	VG-163
	Dura-Flo®	AP-304D	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Lexan®-200 Series	AP-504D	—	—	—	PS-163	VG-163
	Noryl® Turbo	AP-304D	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	XL 600	AP-304D	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
<b>Anthony</b>		04380	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
		04547	PS-1900	PS-3866	PS-4267	PS-100	VG-100
<b>Aqua-Flo</b>	A-Series	92500050	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	A & B Series	92509040	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	AC-Series	92500000	—	—	PS-309	—	VG-309
	C-Series	92500050	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	D-Series	92500040	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	D-Series	92500050	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Circ-Master®	92500151	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Dominator®						
	High Head /						
	Med Head	92500150	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	-Pre 1995	92500050	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Flo-Master®	91049000	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131
	Flo-Master®	92500150	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Pond-Flo	92500151	PS-1901	PS-3867	PS-3960	PS-200	VG-200
Tub-Master®	91049000	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131	
Tub-Master®	92500150	PS-1901	PS-3867	PS-3960	PS-200	VG-200	
<b>Arneson</b>	Pool Sweep	A-8	PS-1901	PS-3867	PS-3960	PS-200	VG-200
<b>Astral Pool</b>	Astramax	Series 1600	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	Sena	Series 1800	PS-1901	PS-3867	PS-3960	PS-200	VG-200
<b>Baker-Hydro</b>		35B1178	PS-1901	PS-3867	PS-3960	PS-200	VG-200
		634016	PS-1904	PS-3986	PS-3985	—	—
<b>Columbia</b>			—	—	—	PS-142	VG-142
<b>Diaclear</b>		36100	—	—	—	PS-142	VG-142
<b>Doughboy</b>		306-1002	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
		306-1006	PS-1901	PS-3867	PS-3960	PS-200	VG-200
<b>Hayward</b>	Cast Iron	SPX1250XZ2	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Max-Flo®	SPX1600Z2	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Max-Flo II®	SPX2700SA	PS-1901	PS-3867	PS-3960	—	—
	NorthStar™	SP4000SA	PS-1907	PS-4280	PS-3890	—	—
	Power-Flo II™	SPX1500KA	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131
	Power-Flo LX™	SPX1500KA	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131
	Power-Flo Matrix™	SPX1500KA	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131
	Super Pump®	SPX1600Z2	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Super Pump II™	SPX1600Z2	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Tri Star®	SPX3200SA	PS-1907	PS-4280	PS-3890	—	—
	Turbo-Flo®	SPX1500KA	PS-1906	PS-3869	PS-4275	PS-2131	VG-2131

## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	SCS Series	Ozone / Salt	Buna / Carbon	Premium Seal	Value Guard
<b>ITT Marlow</b>	2AF-Series	25353-00	—	—	—	PS-411	VG-411
	3B-Series	27223-00	—	—	PS-416A	—	VG-416A
	4SPC	28146200000	—	—	PS-7497	—	—
	Argonaut®	38592-00	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	L-Series	186862	—	—	PS-978	—	VG-978
	L-Series	186543	—	—	PS-514	—	VG-514
	Mardur®	38592-00	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	SCT Series SS	46328-00	—	—	—	PS-2161	—
<b>Jacuzzi</b>	8M	10-1203-01	—	—	PS-877	—	VG-877
	10M	10-1299-06	—	—	PS-235	—	VG-235
	Cygnnet	10-0002-06	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	A, J, JCM Series	10-0002-06	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	K, KM Series	10-0002-06	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	LCM-Series	10-1436-00	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	LCU-Series	10-1436-00	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	LR-Series	10-0002-06	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Magnum®	10-1502-09	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	RC-Series	10-1502-09	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Vector (LVL)	10-0002-06	PS-1901	PS-3867	PS-3960	PS-200	VG-200
<b>Jandy</b>	FHP, JEP	R0479400	PS-1907	PS-4280	—	PS-3890	—
	MHP, PHP	R0479400	PS-1907	PS-4280	—	PS-3890	—
	SHP, SWF, WFTR	R0479400	PS-1907	PS-4280	—	PS-3890	—
	HHP, HHPU	R0338200	PS-1904	PS-3986	PS-3985	PS-601	VG-601
	MHPM	R0445500	—	PS-4231	—	—	—
	PB4-60	P55	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	PB4-60Q	P84-3	PS-1907	PS-4280	—	PS-3890	—
<b>Lomart</b>		40-027	—	—	—	PS-163	VG-163
		40-029	—	—	—	PS-163	VG-163
<b>Muskin</b>		09-2001	—	—	—	PS-163	VG-163
		09-2013	—	—	—	PS-142	VG-142
<b>Pentair / Pac Fab</b>	AH Series™	071728	PS-1902	PS-3868	PS-4265	PS-201	VG-201
<b>Purex / Hydrotech</b>	Aquatron®	071733	PS-1903	PS-3864	PS-952	PS-501	VG-501
	Challenger®	354545	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	C-Series®	071725	PS-1909	PS-3874	PS-4266	PS-360	VG-360
	Dynamite®	354545	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Dynamo®, Dynatron®	354545	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Hydropump®	354001	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	L-Series™	17351-0102	PS-1900	PS-3866	PS-4267	PS-100	VG-100
	L-Series™	071728	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	Pinnacle®	354545	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Whisperflo®	071734	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
<b>Premier</b>	120T	31-812	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	220/225						
	Pre 1988	31-813	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	225/255 MKII	31-812	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	300/325/355	31-812	PS-1902	PS-3868	PS-4265	PS-201	VG-201
	455/456	31-813	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	500/600	31-813	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	725/756	31-812	PS-1902	PS-3868	PS-4265	PS-201	VG-201
<b>Speck Pumps</b>		2920343310	—	—	—	—	VGM-2920
		2920060603	PS-1901	PS-3867	PS-3960	PS-200	VG-200
		60603-200	PS-1901	PS-3867	PS-3960	PS-200	VG-200
<b>Sta-Rite Industries</b>	AJ	U109-93SS	PS-1900	PS-3866	PS-4267	PS-100	VG-100
	CC/C	U109-433SS	—	—	PS-185	—	VG-185
	Pre Aug. 2000	U109-220	—	—	PS-185	—	VG-185
	CF/CFA	U109-136SS	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	CSPH/CCSPH	S-32014	—	—	PS-185	—	VG-185

## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	SCS Series	Ozone / Salt	Buna / Carbon	Premium Seal	Value Guard
<b>Sta-Rite Industries (continued)</b>	CSPH/CCSPH	S-32015	—	—	PS-446	—	VG-446
	D Series	U109-433SS	—	—	PS-185	—	VG-185
	Pre Aug.2000	U109-220	—	—	PS-185	—	VG-185
	DJ/JS/JT	37400-0027S	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Pre Jan.2001	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Dura-Glas®						
	Pre 1998	U109-93SS	PS-1900	PS-3866	PS-4267	PS-100	VG-100
	Dura-Glas®						
	PE, PEA, P2R, P2RA	17304-0100	PS-1901	PS-3867	PS-3960	PS-200	VG-200
	Dura-GlasII®						
	Pre 1998	U109-372SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Dura-GlasII®	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Dura-GlasII®						
	P4E, P4EA, P4R, P4RA	37400-0027S	PS-1908	PS-201V-CMS	PS-851	—	—
	Dura-GlasII®						
	P4E, P4EA, P4R, P4RA	37400-0028S	PS-1908	PS-201V-CMS	—	—	—
	Dura-Jet	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	After Jan.2001	37400-0027	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Dyna-Glas®/ Dyna-Max®						
	After June 2000	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
		37400-0027S	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	Dyna-Jet™	17351- 0101S	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	HP-Series	U109-136SS	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
	JW/JWPA	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	After Jan. 2001	37400-0027S	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
	LT	U109-68SS	—	—	—	PS-163	VG-163
	Max-E-Glas®						
	Pre 1998	U109-93SS	PS-1900	PS-3866	PS-4267	PS-100	VG-100
	Max-E-Glas®						
	PE, PEA, P2R, P2RA	17304-0100	PS-1901	PS-3867	PS-3960	PS-200	VG-200
Max-E-GlasII®	U109-358SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201	
Max-E-GlasII®	U109-372SS	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201	
Max-E-GlasII®							
P4E, P4EA, P4R, P4RA	37400-0027S	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201	
Max-E-GlasII®							
P4E, P4EA, P4R, P4RA	37400-0028S	PS-1908	PS-201V-CMS	—	—	—	
Max-E-Pro™							
P6E, P6RA	37400-0028S	PS-1908	PS-201V-CMS	—	—	—	
PLBC Series	17351-0102S	PS-1900	PS-3866	PS-4267	PS-100	VG-100	
PLBC Series							
Pre 1995	U109-93SS	PS-1900	PS-3866	PS-4267	PS-100	VG-100	
SuperMax	354545 S	PS-1901	PS-3867	PS-3960	PS-200	VG-200	
<b>Swim Quip</b>	XL, VI/XL, VII	37407-0009	PS-1908	PS-201V-CMS	PS-851	PS-201	VG-201
<b>Vico</b>	SuperFlo						
	UltraFlo, Ultima	PPSFSEAL	—	PS-3870	PS-4274	—	—
<b>Water Ace</b>	RSP-7, 10, 15	25053A000	—	—	—	PS-3845	—
<b>Waterco USA</b>	Supatuf	6340162	PS-1904	PS-3986	PS-3985	—	—
<b>Waterway Plastics</b>		319-3100B	PS-1905	PS-3865R	PS-961	PS-1000	VG-1000
		811-4000A	—	—	—	PS-671	—
<b>Wayne Water Systems</b>		15693	PS-1902	PS-3868	PS-4265	PS-201	

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESSIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Acetone	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Acetyl Chloride		✓	D		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Acetylene, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia, Anhydrous	✓	✓	D			✓	✓	✓		✓			✓	✓	✓	✓
Ammonium Carbonate, <60%	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	✓
Ammonium Hydroxide, <30%	✓	✓	S			✓	✓	✓	✓	✓			✓	✓	✓	✓
Ammonium Nitrate	✓	✓	S	✓		✓	✓	✓		✓		✓	✓	✓	✓	✓
Ammonium Phosphate (Dibasic), <40%	✓	✓	S	✓		✓	✓	✓		✓		✓	✓	✓	✓	✓
Amyl Alcohol	✓	✓	S			✓	✓	✓			✓	✓	✓	✓	✓	✓
Asphalt (Crude Oil Residue)	✓	✓	S		✓		✓	✓			✓	✓	✓	✓	✓	✓
Asphalt, Emulsified	✓	✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	
Barium Hydroxide, <50%	✓	✓	D	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beer	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beer Wort	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beet Sugar	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Bentonite	✓	✓	S			✓	✓	✓				✓	✓	✓	✓	
Benzene, Benzol	✓	✓	D		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Boric Acid, <30%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Bunker C Fuel Oil	✓	✓	S	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓
Butadiene (Monomer)	✓	✓	D		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Butane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Butane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Buttermilk	✓		S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (N), <10%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (Sec), <15%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (Tert)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Calcium Sulfate, <10%	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	✓
Calgon	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Carbon Dioxide, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Carbon Dioxide, Liquid	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Carbon Monoxide	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbonic Acid, <10%	✓	✓	S		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Castor Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cement Slurry	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Chocolate	✓		S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Citric Acid, <10%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Clay Slurry	✓	✓	S	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
Coal Slurry	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cocoa Butter	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Coconut Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cooling Tower Water	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Copper Acetate, <20%	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Copper Ammonium Acetate, <20%	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Copper Nitrate, <15%	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	✓
Copper Sulfate, <15%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Corn Mash	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Corn Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cotton Seed Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓

**CONTINUED NEXT PAGE**

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIREZIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Crude Oil	✓	✓	S		✓		✓	✓			✓	✓	✓	✓	✓	✓
Cutting Oil (Typical)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cyclohexane	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cyclohexanol	✓	✓	D	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Detergent (Typical), >15%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Dichlorohydrin	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	
Diesel Fuel	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diethyl Carbonate	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Di-isobutyl Ketone	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Di-isopropyl Ketone	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Dimethyl Ether	✓	✓	S	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓
Dye Liquors	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethane/Propane Mix	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethanol (10% Mixture w/Gasoline)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl Alcohol (Ethanol)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethyl Bromide	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethyl Formate	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	
Ethylbenzene		✓	✓		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Ethylene Glycol	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Ferric Nitrate		✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Ferric Sulfate, <15%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Fruit (Juice & Pulp), Typical	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Fuel Oil #5 & #6	✓	✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓
Fumaric Acid	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	
Gasoline	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gelatin	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Glycerine (Glycerol)	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Gypsum Slurry	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Heat Transfer Fluids (Calflo, Dowtherm, Duratherm, Mobiltherm, Multitherm, Paratherm, Texatherm, Thermex, Thermina, Therminol, Ucon)	✓	✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓
Helium, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Heptane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexanol (Hexyl Alcohol)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Hydraulic Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Hydrogen Chloride, Dry Gas	✓	✓	D		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Hydrogen Peroxide, <30%	✓	✓	S		✓	✓	✓	✓		✓		✓	✓	✓	✓	
Hydrogen, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isobutyl Acetate	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Isobutyl Alcohol	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isopentane		✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Isopropyl Alcohol (Isopropanol)	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jet Fuel JP-3, 4, 5, 6, 8	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kaolin (clay) Slurry	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

CONTINUED NEXT PAGE

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
Arrangement S=Single D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/ NIPRESIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Kerosene	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ketchup	✓	✓	S	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	
Lactic Acid, <70%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Lard	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Lauric Acid	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	
Linseed Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Liquid Natural Gas (LNG)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Liquid Petroleum Gas (LPG)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Lithium Bromide	✓	✓	D		✓		✓	✓		✓		✓	✓	✓	✓	
Lubricating Oil ( Petroleum Based)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Maleic Acid	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	
Magnesium Hydroxide, <10%	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Magnesium Hydroxide, >10%	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Magnesium Sulfate, <40%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Magnesium Sulfate, <5%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Mercury	✓	✓	D	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	
Methane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Methanol (Methyl Alcohol)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Methyl Benzoate		✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	
Methyl Ethyl Ketone (MEK)	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	
Milk	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Molasses	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Naphtha, Coal Tar	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Naphthalene			S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Nickel Sulfate	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Nitrogen, Gas		✓	D			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Nitrogen, Liquid	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Olive Oil	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ozone, <12%	✓	✓	S		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Paint, Oil Based	✓	✓	D		✓		✓				✓	✓	✓	✓	✓	
Paint, Water Based	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Palm Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Palmitic Acid	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Paraffin, Molten	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Paraformaldehyde, <30%	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Paraldehyde	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Peanut Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Penicillin	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Pentane	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Perchloroethylene	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Petroleum Oil	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Phenylacetic Acid	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Phthalic Acid		✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Pine Oil	✓	✓	D	✓	✓		✓	✓		✓		✓	✓	✓	✓	
Pitch	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Polyethylene Glycol		✓	S			✓	✓	✓			✓	✓	✓	✓	✓	
Polyvinyl Acetate, Slurry	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Potassium Bicarbonate, <30%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	

CONTINUED NEXT PAGE

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
Arrangement S=Single D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESSIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Potassium Carbonate (Potash), <20%	✓	✓	S			✓	✓	✓		✓			✓	✓	✓	✓
Potassium Carbonate (Potash), >20%	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	✓
Potassium Dichromate, <55%		✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Potassium Hydroxide, <10%	✓	✓	D	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓
Potassium Hydroxide, <10%		✓	S			✓	✓	✓		✓	✓		✓	✓	✓	✓
Potassium Permanganate, <10%	✓	✓	S			✓	✓	✓		✓	✓		✓	✓	✓	✓
Potassium Sulfate, <25%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Propane, Gas	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	✓
Propane, Liquid	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Propyl Alcohol (Propanol)		✓	S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Propylene	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Propylene Glycol	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Pyridine (Chlorinated)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
R-22 & Mineral Oil/Alkybenzene	✓		S				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rapeseed Oil	✓		S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant 11 (CFC)	✓	✓	S				✓	✓		✓		✓	✓	✓	✓	✓
Refrigerant 12 (CFC)	✓	✓	S				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant 13 (CFC)	✓	✓	S	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant 22 (HCFC)	✓	✓	S				✓		✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant 113 (CFC)	✓	✓	S	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant 114 (CFC)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Refrigerant 134A (HFC)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Refrigerant 502 (CFC)	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rosin Size		✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Salicylic Acid	✓	✓	S		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sewage, Sludge	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sewage, Treated	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Silicone Fluid	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Sodium Acetate, <10%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Bicarbonate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Borate (Borax)	✓	✓	D	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Carbonate (Soda Ash)	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Metasilicate	✓	✓	S			✓	✓			✓		✓	✓	✓	✓	✓
Sodium Nitrate, <90%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Nitrite, <70%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Perchlorate	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sodium Phosphate, Dibasic, <20%		✓	D	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Sodium Phosphate, Tribasic	✓	✓	S	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Sodium Sulfite, <50%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Soybean Oil	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	✓
Starch	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Carbonated Juice, <55%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Clear Juice, <50%	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Diffuser Juice, <55%	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Limed Juice, <55%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Molten	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sugar, Syrup, <80%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sulfolane	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

CONTINUED NEXT PAGE

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
Arrangement S=Single D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/ NIPRESIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Sulfur Dioxide, Dry	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sulfur, Molten	✓	✓	D		✓		✓	✓		✓		✓	✓	✓	✓	✓
Tall Oil	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Tallow		✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Tannic Acid	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Tar (Coal)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Tartaric Acid, >20%	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Terephthalic Acid, Slurry	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide, Slurry	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Toluene	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Transformer Oil	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission Fluid	✓	✓	S	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
Trichloroethane, Dry	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trichloroethylene, Dry	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Triethylene Glycol (TEG)	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Tung Oil	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Turpentine	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Urea, >5%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Varnish (Resin)	✓	✓	S		✓		✓	✓		✓	✓		✓	✓	✓	✓
Vegetable Juice	✓	✓	D		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Vegetable Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Boiler Feed	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Chlorinated (<500 PPM)	✓	✓	S			✓	✓	✓			✓	✓	✓	✓	✓	✓
Water, Clean	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Condensate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Fresh River or Lake	✓	✓	S	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
Water, Produced	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Sour (H 2S Only)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Ultra Pure (>10 Mohm/cm)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Whiskey	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Wine	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Xylen /Xylol (Ortho)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Yeast		✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Zinc Nitrate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Zinc Sulfate, <45%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓

**CAUTION:** THIS CHART IS AS A GUIDE ONLY FOR THE SELECTION OF A MATERIAL. WE SUGGEST TESTS BE RUN FOR COMPATIBILITY, OR CONTACT U.S. SEAL MFG. FOR THEIR RECOMMENDATIONS.



## SEAL INSTALLATION INSTRUCTIONS

1. Disassemble pump cavity to expose defective seal. Removal of old seal and assembly of new seal requires careful operations and precautions.

**CAUTION:** Lapped and polished faces of new seal are easily scratched and damaged. PROTECT FROM DAMAGE, DIRT and FINGER PRINTS.

2. Carefully remove old seal head and mating ring taking care not to scratch shaft or mating ring counterbore. NOTE HOW OLD SEAL IS ASSEMBLED, TO BE SURE REPLACEMENT SEAL IS INSTALLED IN IDENTICAL MANNER.
3. Clean shaft and counterbore surfaces using fine emery cloth or equivalent. Remove rust, burrs, and wipe clean.
4. Shaft, mating ring counterbore and rubber members of seal head and mating ring should be lubricated with U.S. SEALUBE, which is a water based formula specifically designed to lubricate rubber. Check seal surfaces to be sure they are free of any dirt, grit or lubricants.
5. Press seal mating ring firmly into counterbore to be sure it is bottomed square. SLIDE SEAL HEAD ALONG SHAFT MAKING SURE THAT SPRING IS CORRECTLY ENGAGED INTO SEAL.
6. Re-assemble pump and remember that trouble free operation of a pump includes making a correct seal installation.



**U.S. SEAL MFG. recommends using U.S. SEALUBE as a lubricant when installing our seals.**

**Please call us for information on our LUBE-PP (1cc Pillow Pak), LUBE-10ML (10ml Tube), LUBE-4OZ (4 oz. Bottle), and LUBE-8OZ (8 oz. Bottle).**

## IDENTIFYING CAUSES OF SEAL LEAKAGE

Symptom	Possible Cause	Corrective Procedure
1. Cracked or broken mating ring	Seal ran dry and heated up. When liquid reached seal faces, it was cooler and caused thermal cracks.	Check to insure seal chamber is full of liquid before starting pump. On high temperature applications, insure proper flushing at seal faces.
2. Carbon washer scored and grooved	Dirty system	Have system cleaned and flushed. Consider installation of a cyclone abrasive separator (see page 177).
3. Short seal life in treated system	Treatment level and temperature higher than anticipated.	Advise U.S. Seal Mfg. of product temperature and PPM Treatment level, for alternate seal recommendation.
4. Primary ring worn unevenly	Seal improperly installed.	Check installation instructions for proper assembly.
5. Bellows hard and brittle. Rapid carbon wear	Temperature too high. Pump may have run dry and cavitated.	Cool seal chamber. Use EPR or Viton® elastomers, high temperature carbon, Ni-Resist or Tungsten Carbide mating rings.
6. Bellows soft and sticky. Appears to be dissolving	Bellows not compatible with material being pumped.	Consult U.S. Seal Mfg. for recommendation, advising pumpage and temperature.
7. Retainer drive tabs badly worn or broken	Vibration or coupling misalignment. Periodic loss of lubrication at seal faces.	Realign pump and motor. Insure proper flushing at seal faces.
8. Flexible bellows broken.	Coupling misalignment.	Realign pump and motor.
9. Seal wears out shaft.	Shaft end play. Radial shaft movement. Shaft not straight.	Replace bearings. Replace shaft.

## WARRANTY

U.S. Seal Mfg. warrants its seals, material and workmanship will meet applicable manufacturers' specifications and will perform according to industry standards, providing the purchaser has selected the correct seal and material and proper installation has been made by the end user.

Since it is beyond our control to assure proper selection of materials or ensure proper installation, U.S. Seal Mfg. assumes no responsibility for damage after its products have been installed.

Any product found to be defective prior to use or installation will be replaced without cost or the purchase price will be refunded at our option. This is the maximum of our liability. The sale of any U.S. Seal Mfg. product under any other warranty or guarantee, expressed or implied, is not authorized by U.S. Seal Mfg.

The foregoing is in addition to Seller's Standard Terms and Conditions of Sale which shall apply to all sales. Copies available upon request.

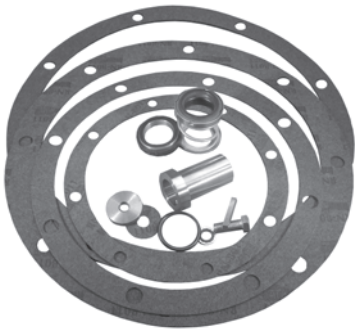
## REPLACEMENT SEAL KITS

Kits include Mechanical Seal and Everything Needed for Its Installation

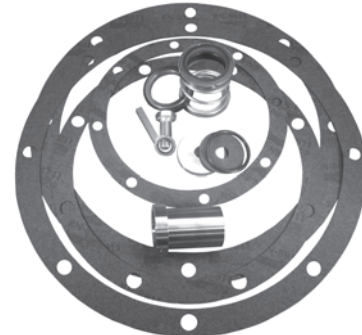
### Kits for AURORA PUMPS

Value Guard Part No.	Seal Dia.	Material Code	Aurora Pumps Small Bore No.
VGK-1124	1.125	BCFKF	476-0250-644
VGK-1126	1.125	VCFKF	—
VGK-1127	1.125	BCFJF	—
VGK-1128	1.125	VCFJF	—

Value Guard Part No.	Seal Dia.	Material Code	Aurora Pumps Small Bore No.
VGK-1125	1.500	BCFKF	476-0253-644
VGK-1129	1.500	VCFKF	—
VGK-1130	1.500	BCFJF	—
VGK-1131	1.500	VCFJF	—



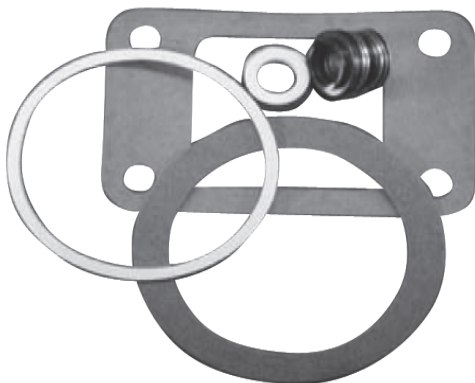
VGK-1124



VGK-1125

Kits for Aurora Pumps include gaskets, pins, o-rings, sleeve, and mechanical seal.

### Kits for HOFFMAN PUMPS



VGK-1087

Value Guard Part No.	Seal Dia.	Material Code	Hoffman Pumps Part No.
VGK-1087	.625	BCFJF	180013
VGK-1088	.625	BCFJF	180014
VGK-1085	.750	BCFJF	180010
VGK-1086	1.000	BCFJF	180011
VGK-1089	1.375	BCFJF	180015

Kits for Hoffman Pumps include gaskets and mechanical seal.

Aurora and Hoffman are not affiliated with U.S. Seal Mfg.  
 Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the companies listed.

## REPLACEMENT SEAL KITS

Kits include Mechanical Seal and Everything Needed for Its Installation

### Kits for PACO - End Suction Pumps

Value Guard Part No.	Seal Dia.	Material Code	Old Paco No.	New Paco No.
VGK-1006	.625	BCFJF	K100-1	91909684
VGK-1007	.625	BCFKF	K100-6	91909686
VGK-1008	.625	BCFKF	K100-7	91909687
VGK-1012	.625	BCFJF	K102-1	91909744
VGK-1013	.625	VCFKF	K102-6	91909746
VGK-1014	.625	BCFKF	K102-7	91909747
VGK-1009	.750	BCFJF	K101-1	91909719
VGK-1010	.750	VCFKF	K101-6	91909721
VGK-1011	.750	VCFKF	K101-7	91909722
VGK-1054	.875	BCFJF	K1503-1	91910735
VGK-1018	1.250	BCFJF	K105-1	91909832
VGK-1019	1.250	VCFKF	K105-6	91909837
VGK-1020	1.250	BCFKF	K105-7	91909838
VGK-1024	1.250	BCFJF	K107-1	91909909
VGK-1025	1.250	VCFKF	K107-6	91909912
VGK-1026	1.250	BCFKF	K107-7	91909913
VGK-1061	1.250	BCFJF	K453-1	91911801
VGK-1062	1.250	VCFKF	K453-6	—
VGK-1063	1.250	BCFKF	K453-7	—
VGK-1070	1.250	BCFJF	K600-1	91911821
VGK-1071	1.250	VCFKF	K600-6	91911824

Value Guard Part No.	Seal Dia.	Material Code	Old Paco No.	New Paco No.
VGK-1072	1.250	BCFKF	K600-7	91911825
VGK-1073	1.250	BCFJF	K601-1	91911832
VGK-1074	1.250	VCFKF	K601-6	91911834
VGK-1075	1.250	BCFKF	K601-7	91911835
VGK-1079	1.250	BCFJF	K607-1	—
VGK-1080	1.250	VCFKF	K607-6	91911848
VGK-1081	1.250	BCFKF	K607-7	—
VGK-1082	1.250	BCFJF	K608-1	—
VGK-1083	1.250	VCFKF	K608-6	91911850
VGK-1084	1.250	BCFKF	K608-7	—
VGK-1058	1.250	BCFJF	K1815-1	91910839
VGK-1059	1.250	VCFKF	K1815-6	91910841
VGK-1060	1.250	BCFKF	K1815-7	91910842
VGK-1055	1.375	BCFJF	K1575-1	—
VGK-1056	1.375	VCFKF	K1575-6	—
VGK-1057	1.375	BCFKF	K1575-7	91910804
VGK-1015	1.750	BCFJF	K104-1	91909802
VGK-1016	1.750	VCFKF	K104-6	91909805
VGK-1017	1.750	BCFKF	K104-7	91909806
VGK-1021	1.750	BCFJF	K106-1	91909874



VGK-1077



VGK-1021

Kits for Paco End-Suction Pumps include gaskets, o-rings, shaft key, impeller bolt, impeller washer, and mechanical seal. Loctite® is included, if required for installation.

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## REPLACEMENT SEAL KITS

Kits include Mechanical Seal and Everything Needed for Its Installation

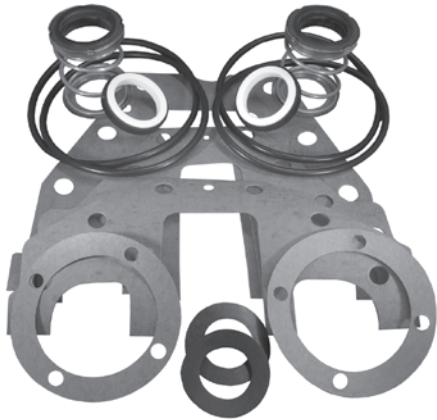
### Kits for PACO - End Suction Pumps (continued)

Value Guard Part No.	Seal Dia.	Material Code	Old Paco No.	New Paco No.
VGK-1022	1.750	VCFKF	K106-6	91909878
VGK-1023	1.750	BCFKF	K106-7	91909879
VGK-1027	1.750	BCFJF	K108-1	91909944
VGK-1028	1.750	VCFKF	K108-6	91909947
VGK-1029	1.750	BCFKF	K108-7	91909948
VGK-1033	1.750	BCFJF	K110-1	91910149
VGK-1034	1.750	VCFKF	K110-6	91910150
VGK-1035	1.750	BCFKF	K110-7	91910151
VGK-1042	1.750	BCFJF	K127-1	91910609
VGK-1043	1.750	VCFKF	K127-6	91910611
VGK-1044	1.750	BCFKF	K127-7	91910612
VGK-1045	1.750	BCFJF	K128-1	91910629
VGK-1046	1.750	VCFKF	K128-6	91910631
VGK-1047	1.750	BCFKF	K128-7	91910632
VGK-1051	1.750	BCFJF	K141-1	91910715
VGK-1052	1.750	VCFKF	K141-6	91910717
VGK-1053	1.750	BCFKF	K141-7	91910718
VGK-1064	1.750	BCFJF	K454-1	91911802
VGK-1065	1.750	VCFKF	K454-6	—

Value Guard Part No.	Seal Dia.	Material Code	Old Paco No.	New Paco No.
VGK-1066	1.750	BCFKF	K454-7	91911803
VGK-1076	2.000	BCFJF	K602-1	91911836
VGK-1077	2.000	VCFKF	K602-6	91911838
VGK-1078	2.000	BCFKF	K602-7	91911839
VGK-1030	2.250	BCFJF	K109-1	91910061
VGK-1031	2.250	VCFKF	K109-6	91910065
VGK-1032	2.250	BCFKF	K109-7	91910066
VGK-1036	2.250	BCFJF	K111-1	91910192
VGK-1037	2.250	VCFKF	K111-6	91910195
VGK-1038	2.250	BCFKF	K111-7	91910196
VGK-1048	2.250	BCFJF	K140-1	91910707
VGK-1049	2.250	VCFKF	K140-6	91910708
VGK-1050	2.250	BCFKF	K140-7	91910709
VGK-1067	2.250	BCFJF	K455-1	91911806
VGK-1068	2.250	VCFKF	K455-6	—
VGK-1069	2.250	BCFKF	K455-7	—
VGK-1039	2.750	BCFJF	K112-1	91910246
VGK-1040	2.750	VCFKF	K112-6	91910252
VGK-1041	2.750	BCFKF	K112-7	91910250

Kits for Paco-End Suction Pumps include gaskets, o-rings, shaft key, impeller bolt, impeller washer, and mechanical seal. Loctite® is included, if required for installation

### Kits for PACO - Split Case Pumps



VGK-1002

Value Guard Part No.	Seal Dia.	Material Code	Paco Part No.
VGK-1003	1.750	BCFJF	K0308-1
VGK-1003B	1.750	BCFJF	K0308-1
VGK-1004	1.750	VCFKF	K0308-6
VGK-1004B	1.750	VCFKF	K0308-6
VGK-1005	1.750	BCFKF	K0308-7
VGK-1005B	1.750	BCFKF	K0308-7
VGK-1000	1.750	BCFJF	K0303-1
VGK-1000B	1.750	BCFJF	K0303-1
VGK-1001	1.750	VCFKF	K0303-6
VGK-1001B	1.750	VCFKF	K0303-6
VGK-1002	1.750	BCFKF	K0303-7
VGK-1002B	1.750	BCFKF	K0303-7

Kits for the Paco Split Case Pumps include gaskets, o-rings, slingers, and mechanical seals. The kits with the letter B in the part number include the above PLUS the bearings and oil seal.

Paco is not affiliated with U.S. Seal Mfg.

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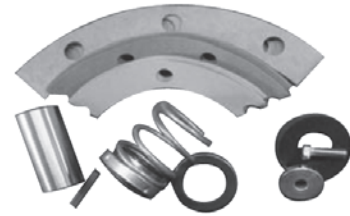
## REPLACEMENT SEAL KITS

**Kits include Mechanical Seal and Everything Needed for Its Installation**

### Kits for PEERLESS

Value Guard Part No.	Seal Dia.	Material Code	Peerless Part No.
VGK-1090	1.250	BCFKF	BSE-2 (Ni-Resist)
VGK-1123	1.250	BCFJF	BSE-2 (Ceramic)
VGK-1120	1.250	VCFJF	BSE-2 (Vit / Cer)
VGK-1092	1.250	VCFKF	BSE-2 (Vit / Nir)
VGK-1091	1.500	BCFKF	BSE-3 (Ni-Resist)
VGK-1121	1.500	BCFJF	BSE-3 (Ceramic)
VGK-1122	1.500	VCFJF	BSE-3 (Vit / Cer)
VGK-1093	1.500	VCFKF	BSE-3 (Vit / Nir)
VGK-1132	1.250	BCFKF	ISE-2 (Ni-Resist)
VGK-1133	1.250	BCFJF	ISE-2 (Ceramic)
VGK-1135	1.250	VCFJF	ISE-2 (Vit / Cer)
VGK-1134	1.250	VCFKF	ISE-2 (Vit / Nir)

Value Guard Part No.	Seal Dia.	Material Code	Peerless Part No.
VGK-1136	1.500	BCFKF	ISE-3 (Ni-Resist)
VGK-1137	1.500	BCFJF	ISE-3 (Ceramic)
VGK-1138	1.500	VCFJF	ISE-3 (Vit / Cer)
VGK-1139	1.500	VCFKF	ISE-3 (Vit / Nir)



VGK-1090

**Kits for Peerless Pumps include gaskets, sleeve, impeller bolt, impeller washer, key, and mechanical seal.**

### Kits for TACO

Value Guard Part No.	Seal Dia.	Material Code	Taco Part No.
VGK-1094 *	.500	BCFKF	1600-055RP
VGK-1095 *	.625	BCFJF	1600-170ERP
VGK-1096 *	.625	BCFKF	1600-170RP
VGK-1097 *	.625	BCFJF	1600-868CRP
VGK-1098	1.125	BCFKF	840-128BRP
VGK-1102	1.125	BCFJF	950-664BRP
VGK-1105	1.125	VCFZF	950-667BRP
VGK-1108	1.125	BCFJF	950-670BRP
VGK-1112	1.125	BCFKF	951-3159BRP
VGK-1114	1.125	BCFJF	951-3161BRP
VGK-1116	1.125	BCFKF	953-1549-1BRP
VGK-1117	1.125	BCFJF	953-1549-3BRP
VGK-1099	1.500	BCFKF	862-171BRP
VGK-1100	1.500	BCFKF	862-172BRP
VGK-1119	1.500	BCFJF	862-172ERP
VGK-1103	1.500	BCFKF	950-665BRP
VGK-1106	1.500	VCFZF	950-668BRP
VGK-1109	1.500	BCFJF	950-671BRP

Value Guard Part No.	Seal Dia.	Material Code	Taco Part No.
VGK-1113	1.500	BCFKF	951-3160BRP
VGK-1115	1.500	BCFJF	951-3162BRP
VGK-1118	1.500	BCFJF	953-1549-6BRP
VGK-1101	1.875	BCFJF	950-1369BRP
VGK-1111	1.875	BCFJF	951-2968BRP
VGK-1104	2.000	BCFKF	950-666BRP
VGK-1107	2.000	VCFZF	950-669BRP
VGK-1110	2.000	BCFJF	950-672BRP

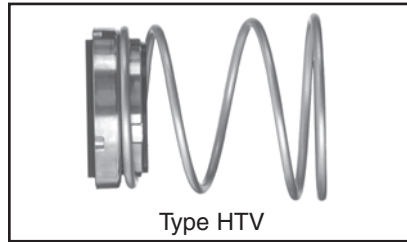
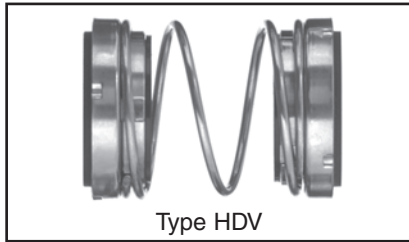
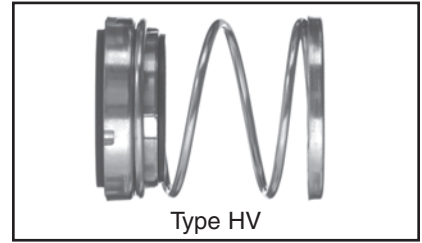
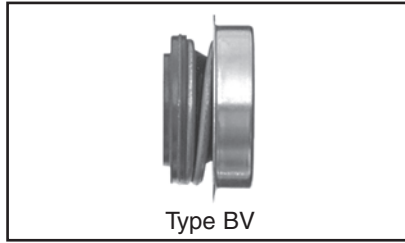
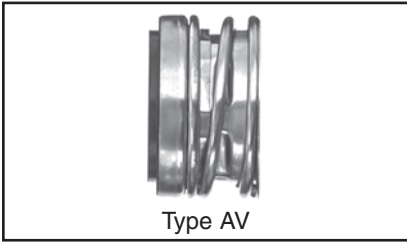


VGK-1098

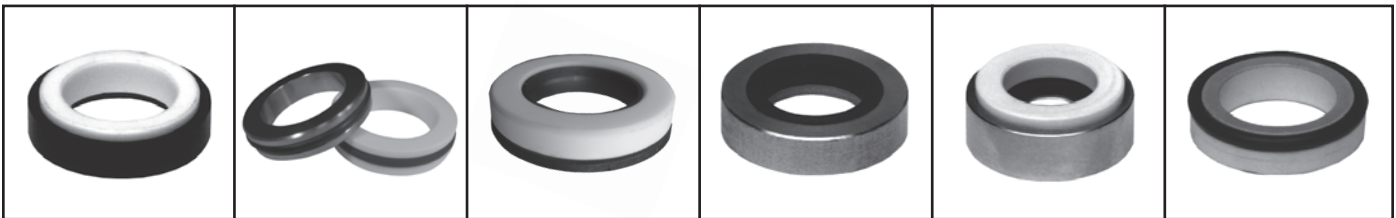
**Kits for Taco Pumps include gaskets, o-rings, sleeve\*, rubber bonded washer, and mechanical seal.**

\* These kits do not include sleeve.

**SEAL HEAD TYPES**



**MATING RING DESIGNS**



1. Cup Mounted

3. O-Ring

8. Shaft Mounted

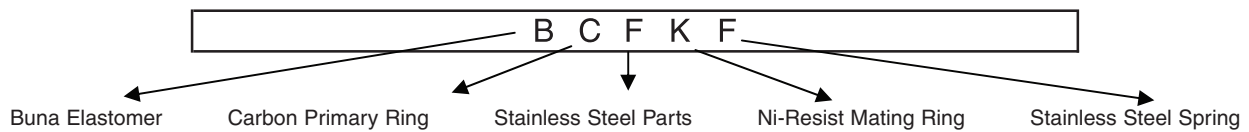
9. Shaft Mounted

11. Shaft Mounted

25. Floating

**VALUE GUARD MATERIAL CODE**

ELASTOMER	PRIMARY RING	METAL PARTS	MATING RING	SPRING
B. Buna	C. Carbon	F. Stainless Steel	J. Ceramic	F. Stainless Steel
Q. EPR	L. Silicon Carbide		K. Ni-Resist	
V. Viton®	M. Molded Plastic		L. Silicon Carbide	



See Pages 156-165 for the Value Guard Metric Line.

### INCH SIZES

SEAL HEAD			MATING RING			Material Code	Notes	Value Guard Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.500 (1/2")</b>								
AV	.928	.656	1	1.000	.312	BMFJF		VG-162
BV	1.125	.537	—	—	—	BMF-F		VG-150
BV	1.125	.537	1	1.000	.218	BMFJF		VG-142
BV	1.125	.537	1	1.000	.312	BMFJF		VG-163
HV	.898	.718	1	.938	.225	BCFJF		VG-392
HV	.898	.718	1	.938	.225	VCFJF		VG-392V
HV	.898	.812	1	1.000	.312	BCFJF		VG-1002
HV	.898	.812	1	1.000	.312	BCFKF		VG-106
<b>.625 (5/8")</b>								
AV	1.200	.718	Special	—	—	BMFJ/MF	G	VG-2131
AV	1.200	.718	1	1.187	.288	BMFJF		VG-702
AV	1.200	.718	1	1.187	.288	BMFKF		VG-701
AV	1.200	.718	1	1.187	.343	BMFJF		VG-100
AV	1.200	.718	1	1.187	.343	VCFJF		VG-100V-CMS
AV	1.200	.718	3	1.187	.343	VCFJF		VG-100V
AV	1.200	.718	1	1.250	.406	BCFJF		VG-516
AV	1.200	.718	1	1.250	.406	BMFJF		VG-200
AV	1.200	.718	1	1.250	.406	VCFJF		VG-200V-CMS
AV	1.200	.718	3	1.250	.406	VCFJF		VG-200V
AV	1.200	.718	1	1.375	.562	BMFJF		VG-528
AV	1.200	.812	1	1.250	.406	BMFJF		VG-501
AV	1.200	.812	3	1.250	.406	VCFJF		VG-501V
BV	1.437	.615	1	1.187	.288	BMFJF		VG-700
BV	1.437	.615	1	1.187	.343	BMFJF		VG-600
BV	1.437	.615	1	1.187	.343	VMFJF		VG-600V
BV	1.437	.615	1	1.250	.406	BCFJF		VG-961
BV	1.437	.615	1	1.250	.406	BMFJF		VG-1000
BV	1.437	.615	8	—	.215	BCFJF	A	VG-447
BV	1.437	.615	8	—	.215	VCFJF	A	VG-447V
BV	1.437	.615	11	—	.487	BMFJF	A	VG-411
HTV	1.055	.875	1	1.250	.406	BCFJF	B	VG-508
HTV	1.055	.875	1	1.250	.406	BCFKF	B	VG-102
HV	1.055	.718	1	1.250	.406	BCFJF		VG-2160
HV	1.055	.844	1	1.187	.343	BCFJF		VG-118
HV	1.055	.844	1	1.250	.406	BCFJF		VG-290
HV	1.055	.844	1	1.250	.406	VCFJF		VG-290V
HV	1.055	.875	1	1.250	.406	BCFJF		VG-359
HV	1.055	.875	1	1.250	.406	BCFKF		VG-633
HV	1.055	.875	1	1.250	.406	VCFJF		VG-359V-CMS
HV	1.055	.875	3	1.250	.406	BCFJF		VG-552
HV	1.055	.875	3	1.250	.406	VCFJF		VG-359V
HV	1.055	.875	1	1.250	.406	VCFKF		VG-633V
HV	1.055	1.187	1	1.156	.312	BCFJF		VG-800
HV	1.055	1.312	1	1.250	.406	BCFJF		VG-274
HV	1.055	1.312	1	1.250	.406	BCFKF		VG-487
<b>.750 (3/4")</b>								
AV	1.295	.718	1	1.375	.406	BMFJF		VG-201
AV	1.295	.718	1	1.375	.406	VCFJF		VG-201V-CMS
AV	1.295	.718	3	1.375	.406	VCFJF		VG-201V
AV	1.295	.718	1	1.437	.406	BMFJF		VG-101
BV	1.575	.615	1	1.375	.406	BMFJF		VG-601
BV	1.575	.615	3	1.375	.406	VCFJF		VG-601V
BV	1.575	.615	9	—	.281	BMFKF	A	VG-902

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 G. MOUNTS IN PLASTIC



**INCH SIZES**

SEAL HEAD			MATING RING			Material Code	Notes	Value Guard Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>.750 (3/4") (continued)</b>								
HTV	1.161	.843	1	1.375	.406	BCFJF	B	VG-128
HV	1.161	.718	1	1.375	.406	BCFJF		VG-877
HV	1.161	.718	1	1.375	.406	VCFJF		VG-877V-CMS
HV	1.161	.875	1	1.275	.281	BCFJF		VG-437
HV	1.161	.875	1	1.275	.281	VCFJF		VG-437V
HV	1.161	.875	1	1.375	.406	BCFJF		VG-358
HV	1.161	.875	1	1.375	.406	BCFKF		VG-112
HV	1.161	.875	1	1.375	.406	VCFJF		VG-358V-CMS
HV	1.161	.875	3	1.375	.406	VCFJF		VG-358V
HV	1.161	.875	3	1.375	.406	VCFKF		VG-112V
<b>.875 (7/8")</b>								
HDV	1.323	1.625	1	1.500	.406	BCFJF		VG-428
HV	1.323	.812	1	1.437	.265	BCFJF		VG-790
HV	1.323	.812	1	1.437	.265	VCFJF		VG-790V-CMS
HV	1.323	.937	1	1.500	.406	BCFJF		VG-309
HV	1.323	.937	1	1.500	.406	BCFKF		VG-687
HV	1.323	.937	3	1.500	.406	BCFJF		VG-774
HV	1.323	.937	3	1.500	.406	BCFKF		VG-617
HV	1.323	.937	1	1.500	.406	VCFJF		VG-309V
HV	1.323	1.375	1	1.500	.406	BCFJF		VG-188
HV	1.323	1.375	1	1.500	.406	BCFKF		VG-935
HV	1.323	1.375	3	1.500	.406	BCFJF		VG-776
HV	1.323	1.375	3	1.500	.406	BCFKF		VG-229
<b>1.000 (1")</b>								
AV	1.552	.812	1	1.625	.437	BCFJF		VG-360
HDV	1.539	1.625	1	1.625	.437	BCFJF		VG-879
HDV	1.539	1.625	1	1.625	.437	BCFKF		VG-891
HDV	1.539	1.875	1	1.625	.437	BCFJF		VG-429
HDV	1.539	1.875	1	1.625	.437	BCFKF		VG-430
HTV	1.539	1.000	1	1.625	.437	BCFJF	B	VG-245
HTV	1.539	1.000	1	1.625	.437	VCFJF	B	VG-245V-CMS
HTV	1.539	1.000	25	1.625	.625	BCFLF	B	VG-413
HV	1.539	1.000	1	1.625	.437	BCFJF		VG-235
HV	1.539	1.000	1	1.625	.437	BCFKF		VG-357
HV	1.539	1.000	1	1.625	.437	VCFJF		VG-235V-CMS
HV	1.539	1.000	3	1.625	.437	BCFJF		VG-548
HV	1.539	1.000	3	1.625	.437	BCFKF		VG-499
HV	1.539	1.000	3	1.625	.437	VCFJF		VG-548V
HV	1.539	1.562	1	1.625	.437	BCFJF		VG-754
HV	1.539	1.562	1	1.625	.437	BCFKF		VG-236
HV	1.539	1.562	3	1.625	.437	BCFJF		VG-557
HV	1.539	1.562	3	1.625	.437	BCFKF		VG-791
<b>1.062 (1-1/16")</b>								
HV	1.673	1.157	3	1.750	.345	VCFLF		VG-110608V
<b>1.125 (1-1/8")</b>								
HV	1.673	1.062	1	1.750	.437	BCFJF		VG-356
HV	1.673	1.062	1	1.750	.437	BCFJF		VG-356
HV	1.673	1.062	1	1.750	.437	BCFKF		VG-355
HV	1.673	1.062	1	1.750	.437	VCFJF		VG-356V-CMS
HV	1.673	1.062	1	1.750	.437	VCFKF		VG-355V
HV	1.673	1.062	3	1.750	.437	BCFJF		VG-801
HV	1.673	1.062	3	1.750	.437	BCFKF		VG-529

NOTE: B. TAPERED SPRING

## INCH SIZES

SEAL HEAD			MATING RING			Material Code	Notes	Value Guard Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.125 (1-1/8") (continued)</b>								
HV	1.673	1.062	3	1.750	.437	VCFJF		VG-356V
HV	1.673	1.625	1	1.750	.437	BCFJF		VG-204
HV	1.673	1.625	1	1.750	.437	BCFKF		VG-384
HV	1.673	1.625	1	1.750	.437	VCFJF		VG-204V-CMS
HV	1.673	1.625	3	1.750	.437	BCFJF		VG-866
HV	1.673	1.625	3	1.750	.437	BCFKF		VG-867
<b>1.250 (1-1/4")</b>								
HTV	1.795	1.062	1	1.765	.365	BCFJF	B	VG-978
HTV	1.795	1.062	1	1.765	.365	BCFKF	B	VG-979
HTV	1.795	1.062	1	1.765	.365	VCFJF	B	VG-978V
HTV	1.795	1.062	1	1.875	.437	BCFJF	B	VG-246
HTV	1.795	1.062	1	1.875	.437	BCFKF	B	VG-249
HTV	1.795	1.062	1	1.875	.437	VCFJF	B	VG-246V-CMS
HTV	1.795	1.062	25	2.250	.625	BCFJF	B	VG-416A
HV	1.795	1.062	1	1.875	.437	BCFJF		VG-185
HV	1.795	1.062	1	1.875	.437	BCFKF		VG-756
HV	1.795	1.062	1	1.875	.437	VCFJF		VG-185V-CMS
HV	1.795	1.062	1	1.875	.437	VCFKF		VG-756V-CMS
HV	1.795	1.062	3	1.875	.437	VCFJF		VG-185V
HV	1.795	1.062	3	1.875	.437	VCFKF		VG-756V
HV	1.795	1.062	1	2.000	.437	BCFJF		VG-466
HV	1.795	1.062	1	2.000	.437	VCFJF		VG-466V-CMS
HV	1.795	1.062	3	2.000	.437	BCFJF		VG-2230
HV	1.795	1.062	3	2.000	.437	BCFKF		VG-1018
HV	1.795	1.625	1	1.875	.437	BCFJF		VG-361
HV	1.795	1.625	1	1.875	.437	BCFJF		VG-2122
HV	1.795	1.625	1	1.875	.437	BCFKF		VG-137
HV	1.795	1.625	3	1.875	.437	BCFJF		VG-546
HV	1.795	1.625	3	1.875	.437	BCFKF		VG-1109
<b>1.375 (1-3/8")</b>								
HV	1.929	1.875	1	2.140	.437	BCFJF		VG-1104
HTV	1.929	.900	25	2.000	.500	BCFLF	B	VG-929
HV	1.929	1.125	1	2.000	.437	BCFJF		VG-177
HV	1.929	1.125	1	2.000	.437	BCFKF		VG-210
HV	1.929	1.125	3	2.000	.437	BCFJF		VG-805
HV	1.929	1.125	3	2.000	.437	BCFKF		VG-547
HV	1.929	1.687	1	2.000	.437	BCFJF		VG-354
HV	1.929	1.687	1	2.000	.437	BCFKF		VG-677
HV	1.929	1.687	3	2.000	.437	BCFJF		VG-864
HV	1.929	1.687	3	2.000	.437	BCFKF		VG-865
<b>1.500 (1-1/2")</b>								
HTV	2.047	1.125	1	2.125	.437	BCFJF	B	VG-347
HV	2.047	1.125	1	2.125	.437	BCFJF		VG-758
HV	2.047	1.125	1	2.125	.437	BCFKF		VG-659
HV	2.047	1.125	1	2.125	.437	VCFJF		VG-758V-CMS
HV	2.047	1.125	1	2.125	.437	VCFKF		VG-659V-CMS
HV	2.047	1.125	3	2.125	.437	BCFJF		VG-816
HV	2.047	1.125	3	2.125	.437	BCFKF		VG-553
HV	2.047	1.125	3	2.125	.437	VCFJF		VG-758V
HV	2.047	1.125	3	2.125	.437	VCFKF		VG-659V
HV	2.047	1.688	1	2.125	.437	BCFJF		VG-305
HV	2.047	1.688	1	2.125	.437	BCFKF		VG-374

NOTE: B. TAPERED SPRING

## INCH SIZES

SEAL HEAD			MATING RING			Material Code	Notes	Value Guard Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>1.500 (1-1/2") (continued)</b>								
HV	2.047	1.688	3	2.125	.437	BCFJF		VG-395
HV	2.047	1.688	3	2.125	.437	BCFKF		VG-1110
<b>1.625 (1-5/8")</b>								
HTV	2.252	1.312	25	2.500	.812	BCFLF	B	VG-7497
HTV	2.252	1.375	1	2.375	.500	BCFJF	B	VG-514
HV	2.252	1.375	1	2.375	.500	BCFJF		VG-238
HV	2.252	1.375	1	2.375	.500	BCFKF		VG-239
HV	2.252	1.375	1	2.375	.500	VCFJF		VG-238V-CMS
HV	2.252	1.375	3	2.625	.500	BCFKF		VG-1019
HV	2.252	2.000	1	2.375	.500	BCFJF		VG-745
HV	2.252	2.000	1	2.375	.500	BCFKF		VG-744
HV	2.252	2.000	3	2.375	.500	BCFJF		VG-1683
HV	2.252	2.000	3	2.375	.500	BCFKF		VG-822
<b>1.750 (1-3/4")</b>								
HV	2.394	1.375	1	2.625	.500	BCFJF		VG-7252
HV	2.394	1.375	1	2.500	.500	BCFJF		VG-446
HV	2.394	1.375	1	2.500	.500	BCFKF		VG-448
HV	2.394	1.375	1	2.500	.500	VCFJF		VG-446V-CMS
HV	2.394	1.375	3	2.500	.500	BCFJF		VG-550
HV	2.394	1.375	3	2.500	.500	BCFKF		VG-436
HV	2.394	1.375	3	2.500	.500	VCFJF		VG-550V
HV	2.394	2.000	1	2.500	.500	BCFJF		VG-205
HV	2.394	2.000	1	2.500	.500	BCFKF		VG-366
HV	2.394	2.000	3	2.500	.500	BCFJF		VG-535
HV	2.394	2.000	3	2.500	.500	BCFKF		VG-262
<b>1.875 (1-7/8")</b>								
HDV	2.516	2.000	1	2.640	.406	BCFJF		VG-1105
HV	2.516	1.500	1	2.625	.500	BCFJF		VG-340
HV	2.516	1.500	1	2.625	.500	BCFKF		VG-1608
HV	2.516	1.500	3	2.625	.500	BCFJF		VG-2114
HV	2.516	1.500	3	2.625	.500	BCFKF		VG-593
HV	2.516	2.125	1	2.625	.500	BCFJF		VG-523
HV	2.516	2.125	1	2.625	.500	BCFKF		VG-513
HV	2.516	2.125	3	2.625	.500	BCFJF		VG-2071
HV	2.516	2.125	3	2.625	.500	BCFKF		VG-2072
<b>2.000 (2")</b>								
HV	2.583	1.500	1	2.750	.500	BCFJF		VG-267
HV	2.583	1.500	1	2.750	.500	BCFKF		VG-842
HV	2.583	1.500	3	2.750	.500	BCFJF		VG-532
HV	2.583	1.500	3	2.750	.500	BCFKF		VG-332
HV	2.583	2.125	1	2.750	.500	BCFJF		VG-479
HV	2.583	2.125	1	2.750	.500	BCFKF		VG-843
HV	2.583	2.125	3	2.750	.500	BCFJF		VG-530
HV	2.583	2.125	3	2.750	.500	BCFKF		VG-477
<b>2.125 (2-1/8")</b>								
HDV	2.819	2.250	1	3.187	.562	BCFJF		VG-1107
HDV	2.819	2.562	1	3.140	.562	BCFJF		VG-1102
HV	2.819	1.687	1	3.000	.562	BCFJF		VG-844
HV	2.819	1.687	3	3.000	.562	BCFJF		VG-338
HV	2.819	1.687	3	3.000	.562	BCFKF		VG-543
HV	2.819	2.375	1	3.000	.562	BCFJF		VG-537
HV	2.819	2.375	1	3.000	.562	BCFKF		VG-353

NOTE: B. TAPERED SPRING

## INCH SIZES

SEAL HEAD			MATING RING			Material Code	Notes	Value Guard Part No.
Fig.	OD	Oper. Hgt.	Fig.	OD	Thick.			
<b>2.125 (2-1/8") (continued)</b>								
HV	2.819	2.375	3	3.000	.562	BCFJF		VG-327
HV	2.819	2.375	3	3.000	.562	BCFKF		VG-2086
<b>2.250 (2-1/4")</b>								
HV	3.027	1.688	1	3.125	.562	BCFJF		VG-1679
HV	3.027	1.688	1	3.125	.562	BCFKF		VG-1680
HV	3.027	1.688	3	3.125	.562	BCFJF		VG-1678
HV	3.027	1.688	3	3.125	.562	BCFKF		VG-1676
HV	3.027	2.375	1	3.125	.562	BCFJF		VG-323
HV	3.027	2.375	1	3.125	.562	BCFKF		VG-351
HV	3.027	2.375	3	3.125	.562	BCFJF		VG-848
HV	3.027	2.375	3	3.125	.562	BCFKF		VG-849
<b>2.375 (2-3/8")</b>								
HV	3.087	1.813	1	3.250	.562	BCFJF		VG-268-CMS
HV	3.087	1.813	1	3.250	.562	BCFKF		VG-492-CMS
HV	3.087	1.813	3	3.250	.562	BCFJF		VG-268
HV	3.087	1.813	3	3.250	.562	BCFKF		VG-492
HV	3.087	2.500	1	3.250	.562	BCFJF		VG-2097-CMS
HV	3.087	2.500	1	3.250	.562	BCFKF		VG-350-CMS
HV	3.087	2.500	3	3.250	.562	BCFJF		VG-2097
HV	3.087	2.500	3	3.250	.562	BCFKF		VG-350
<b>2.500 (2-1/2")</b>								
HV	3.197	1.813	3	3.375	.562	BCFJF		VG-269
HV	3.197	1.813	3	3.375	.562	BCFKF		VG-853
HV	3.197	2.500	3	3.375	.562	BCFJF		VG-279
HV	3.197	2.500	3	3.375	.562	BCFKF		VG-349
<b>2.625 (2-5/8")</b>								
HV	3.327	1.937	3	3.375	.625	BCFJF		VG-7909
HV	3.327	2.750	3	3.375	.625	BCFJF		VG-328
HV	3.327	2.750	3	3.375	.625	BCFKF		VG-542
<b>2.750 (2-3/4")</b>								
HV	3.528	1.937	3	3.500	.625	BCFJF		VG-836
HV	3.528	1.937	3	3.500	.625	BCFKF		VG-483
HV	3.528	2.750	3	3.500	.625	BCFJF		VG-838
HV	3.528	2.750	3	3.500	.625	BCFKF		VG-321
HDV	3.528	3.750	1	3.500	.625	BCFKF		VG-322-CMS
HDV	3.528	3.750	3	3.500	.625	BCFKF		VG-322
<b>3.000 (3")</b>								
HV	3.803	2.062	3	3.875	.625	BCFJF		VG-761
HV	3.803	2.062	3	3.875	.625	BCFKF		VG-465
HV	3.803	2.813	3	3.875	.625	BCFJF		VG-324
HV	3.803	2.813	3	3.875	.625	BCFKF		VG-475

**ARMSTRONG and BELL & GOSSETT  
REPLACEMENT SEALS**

**ARMSTRONG SERIES 4300 PUMPS**

Value Guard Part No.	Seal Type	Shaft Dia.	Materials of Construction	Armstrong Part No.
VG-975002304	VGXB2	1-1/8	AFLAS® / Antimony Carbon / SC / 316SS	975002-304
VG-975002334	VGXB2	1-5/8	AFLAS® / Antimony Carbon / SC / 316SS	975002-334
VG-975002374	VGXB2	2-1/8	AFLAS® / Antimony Carbon / SC / 316SS	975002-374
VG-975002394	VGXB2	2-5/8	AFLAS® / Antimony Carbon / SC / 316SS	975002-394



Type VGXB2

**Features**

- ◆ External seal design
- ◆ Pressure balanced
- ◆ Temperatures to 450°F
- ◆ Set screw driven for positive drive
- ◆ Multiple springs create consistent face pressure
- ◆ Unitized rotating assembly simplifies installation

**BELL & GOSSETT SERIES 80-SC PUMPS**

Value Guard Part No.	Seal Type	Shaft Dia.	Materials of Construction	Bell & Gossett Part No.
VG-P75202	VGXB2	1-1/4	AFLAS® / Antimony Carbon / SC / 316SS	P75202
VG-975002334	VGXB2	1-5/8	AFLAS® / Antimony Carbon / SC / 316SS	P75203

**BELL & GOSSETT MODELS 80-S, 1510-S, 1531-S, VSC-S\*, VSCS-S\***

Value Guard Part No.	Seal Type	Shaft Dia.	Materials of Construction	Bell & Gossett Part No.
VG-P85070	VGRO	1-1/4	AFLAS® / TC / Antimony Carbon / 304SS	P85070
VG-185050	VGRO	1-5/8	AFLAS® / TC / Antimony Carbon / 304SS	185050
VG-185051	VGRO	2	AFLAS® / TC / Antimony Carbon / 304SS	185051
VG-185052	VGRO	2-5/8	AFLAS® / TC / Antimony Carbon / 304SS	185052
VG-185053	VGRO	3-3/4	AFLAS® / TC / Antimony Carbon / 304SS	185053
VG-185054	VGRO	2-5/8	AFLAS® / SC / Antimony Carbon / 304SS	185054
VG-185055	VGRO	3-3/4	AFLAS® / SC / Antimony Carbon / 304SS	185055

\* Split Case Pumps - Require 2 Seals \*



Type VGRO

**Features**

- ◆ Temperatures to 450°F
- ◆ Set screw driven for positive drive
- ◆ Multiple springs create consistent face pressure
- ◆ Unitized rotating assembly simplifies installation

*For Additional Listing of Armstrong Pumps, see pages 11-12, for Bell & Gossett, see pages 16-17*

## GORMAN-RUPP REPLACEMENT SEALS

### T SERIES - Self Priming Pump

Value Guard Part No.	Seal Type	Shaft Dia.	Material Code	Gorman-Rupp	
				Model No.	Part No.
VG-7079	VGD	1-1/2	VZFZF	T3, T4, T6	12364A
VG-7080	VGD	1-1/2	VLFLF	T3, T4, T6	—
VG-7081	VGD	1-7/8	VZFZF	T8	—
VG-7082	VGD	1-7/8	VLFLF	T8	—
VG-7083	VGD	2-3/4	VZFZF	T10	—
VG-7084	VGD	2-3/4	VLFLF	T10	—

**Also Used on**  
All Prime Models S3, S4, S6, S8, S9, S10 / Wemco Models WSP3A, 4A, 6A, 8A, 10A

#### Features

- ◆ Tungsten Carbide & Silicon Carbide faces for severe abrasive service
- ◆ Solid drive band extends seal life during periods of vibration and cavitation
- ◆ Full convolution elastomer bellows for maximum self aligning capabilities
- ◆ Pump sleeve, o-ring and impeller shim kit supplied for ease of installation



Type VGD

### S SERIES - Submersible Pump

Value Guard Part No.	Seal Type	Shaft Dia.	Material Code	Gorman-Rupp	
				Model No.	Part No.
VG-7100	VGR	1	BCFKF / BZFZF	S3A1	46512-044
VG-7101 *	VGD	1-1/2	VZFZF	S4A1, S4B1, S6C1	12430
VG-7101 *	VGD	1-1/2	VZFZF	S6B1, S8A1, S8B1	12430A
<b>* Use PS-382 for Upper Seal</b>					

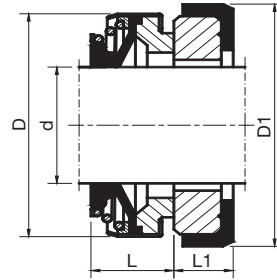
Value Guard Part No.	Seal Type	Shaft Dia.	Material Code	Gorman-Rupp	
				Model No.	Part No.
VG-7102 **	VGD	1-3/4	VZFZF	S8C1	46512-055
<b>** Use PS-2212 for Upper Seal</b>					

*For Additional Listing of Gorman-Rupp, see pages 38-39*

**METRIC SIZES**

**Type VGMA**

Similar To:  
 AES B01, BT/Burgmann AR  
 Roten 37B, Vulcan 18



**Features**

- Single Seal - Unbalanced
- Bi-Directional
- Elastomer Bellows

**Materials\***

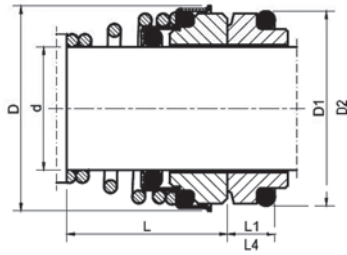
- Carbon Rotating Face
- Ceramic Mating Ring
- Buna Elastomer
- 304SS Metallurgy

Shaft Dia. d	Head OD D	Oper. Hgt. L	Mating Ring OD D1	Mating Ring Thick L1	Value Guard Part No.
6	18	8	22.0	4.0	VGM-8062
8a	20	11	26.0	4.0	VGM-8063
8b	20	11	22.0	4.0	VGM-8064
8c	24	11	26.0	8.0	VGM-8065
9	24	11	26.0	8.0	VGM-8020
10	24	11	26.0	8.0	VGM-8021
11	24	11	26.0	8.0	VGM-8022
12a	24	13	26.0	8.0	VGM-8066
12b	24	13	26.0	8.0	VGM-8060
12c	32	13	35.0	8.0	VGM-8067
13	24	13	26.0	8.0	VGM-8023
14a	28	13	25.0	7.0	VGM-8068
14b	28	13	28.5	8.0	VGM-8024
14c	32	13	29.5	8.0	VGM-8070
14d	32	13	35.0	8.0	VGM-8071
15a	32	13	29.5	8.0	VGM-8025
15b	32	13	38.0	8.0	VGM-8072
15c	35	13	38.0	8.0	VGM-8073
16a	32	13	29.5	8.0	VGM-8026
16b	35	13	38.0	8.0	VGM-8074
16c	39	13	38.0	8.0	VGM-8075
16d	39	13	42.0	8.0	VGM-8076
17	39	13	42.0	8.0	VGM-8027
18	39	13	42.0	8.0	VGM-8028
19	39	13	42.0	8.0	VGM-8029
20a	39	13	42.0	8.0	VGM-8077
20b	42	13	45.0	10.0	VGM-8078
22	42	13	45.0	10.0	VGM-8030
23	47	14	50.0	10.0	VGM-8079
24	47	14	50.0	10.0	VGM-8031
25a	42	14	50.0	10.0	VGM-8032
25b	47	14	50.0	10.0	VGM-8080
26	47	14	50.0	10.0	VGM-8081
28	54	15	57.0	10.0	VGM-8033
30	54	15	57.0	10.0	VGM-8034
32	54	15	57.0	10.0	VGM-8035
35	60	16	63.0	10.0	VGM-8082
38	65	18	68.0	12.0	VGM-8036
40	65	18	68.0	12.0	VGM-8037
45	70	20	73.0	12.0	VGM-8083
50	85	23	88.0	15.0	VGM-8084
55	85	23	88.0	15.0	VGM-8085
60	105	30	110.0	15.0	VGM-8086
65	105	32	110.0	15.0	VGM-8098
70	105	32	110.0	15.0	VGM-8087

\* Other materials available upon request \*

## METRIC SIZES

### Type VGMB



Similar To:  
 AES T04, BT/ Burgmann FN  
 Roten 3, Vulcan 13



Shaft Dia. d	Head OD D	Oper. Hgt. L	Mating Ring OD D1	Mating Ring OD D2	Mating Ring Thick L1	Mating Ring Thick L4	Value Guard Part No.
10	20	15	18.1	—	5.5	—	VGM-8000
10	20	15	—	21	—	7.0	VGM-8000D
11	22	18	20.6	—	5.5	—	VGM-8001
12	22	18	20.6	—	5.5	—	VGM-8002
12	22	18	—	23	—	7.0	VGM-8002D
13	25	22	23.1	—	6.0	—	VGM-8003
14	25	22	23.1	—	6.0	—	VGM-8004
14	25	22	—	25	—	7.0	VGM-8004D
15	29	22	26.9	—	7.0	—	VGM-8005
16	29	23	26.9	—	7.0	—	VGM-8006
16	29	23	—	27	—	7.0	VGM-8006D
17	29	23	26.9	—	7.0	—	VGM-8007
18	33	24	30.9	—	8.0	—	VGM-8008
18	33	24	—	33	—	10.0	VGM-8008D
19	33	25	30.9	—	8.0	—	VGM-8009
20	33	25	30.9	—	8.0	—	VGM-8010
20	33	25	—	35	—	10.0	VGM-8010D
22	38	25	35.4	—	8.0	—	VGM-8011
22	38	25	—	37	—	10.0	VGM-8011D
24	38	27	35.4	—	8.0	—	VGM-8012
24	38	27	—	39	—	10.0	VGM-8012D
25	40	27	38.2	—	8.5	—	VGM-8013
25	40	27	—	40	—	10.0	VGM-8013D
28	46	29	43.3	—	9.0	—	VGM-8014
28	46	29	—	43	—	10.0	VGM-8014D
30	46	30	43.3	—	9.0	—	VGM-8015
30	46	30	—	45	—	10.0	VGM-8015D
32	46	30	43.3	—	9.0	—	VGM-8016
32	46	30	—	48	—	10.0	VGM-8016D
33	48	39	53.5	—	11.5	—	VGM-8099
33	48	39	—	48	—	10.0	VGM-8099D
35	50	39	53.5	—	11.5	—	VGM-8017
35	50	39	—	50	—	10.0	VGM-8017D
38	55	39	60.5	—	11.5	—	VGM-8018
38	55	39	—	56	—	13.0	VGM-8018D
40	55	39	60.5	—	11.5	—	VGM-8019
40	55	39	—	58	—	13.0	VGM-8019D

### Features

D2 and L4 columns refer to DIN 24960  
 (Corresponding Part Numbers end in D)

Single Seal - Unbalanced  
 Uni-Directional  
 Conical Spring

### Materials\*

Ceramic Rotating Face  
 Carbon Mating Ring  
 Buna Elastomer  
 304SS Metallurgy

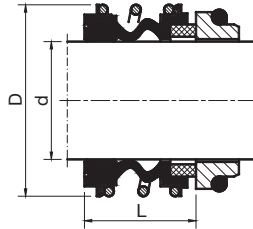
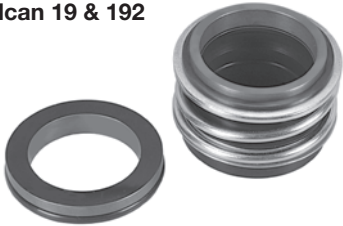
\* Other materials available upon request \*



## METRIC SIZES

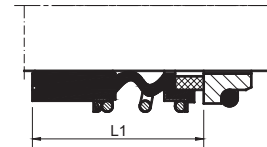
### Types VGMC-1 and VGMC-12

Similar To:  
AES B02 & B012, Burgmann MG1 & MG12  
Vulcan 19 & 192



### Features

To DIN 24960 (VGMC-12)  
Single Seal - Unbalanced  
Bi-Directional  
Elastomer Bellows



For Mating Ring Part Numbers, See Pages 164-165

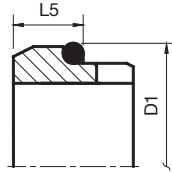
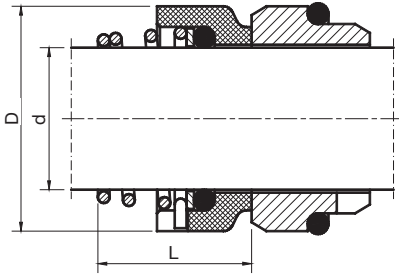
Shaft Dia. d	Head OD D
10	22.5
12	25.0
14	28.5
15	28.5
16	28.5
18	32.0
20	37.0
22	37.0
24	42.5
25	42.5
28	49.0
30	49.0
32	53.5
33	53.5
35	57.0
38	59.0
40	62.0
42	65.5
43	65.5
45	68.0
48	70.5
50	74.0
53	78.5
55	81.0
58	85.5
60	88.5
65	93.5
68	96.5
70	99.5
75	107.0
80	112.0
85	120.0
90	127.0
95	132.0
100	137.0

VGMC-1 Oper. Hgt. L	VGMC-1 Head Part No. Buna / Carbon	VGMC-1 Head Part No. Viton® / SC	VGMC-12 Oper. Hgt. L1	VGMC-12 Head Part No. Buna / Carbon	VGMC-12 Head Part No. Viton® / SC
14.5	HD-8090M	HD-8125M	25.9	HD-8154M	HD-8189M
15.0	HD-8091M	HD-8126M	25.9	HD-8155M	HD-8190M
17.0	HD-8092M	HD-8127M	28.4	HD-8156M	HD-8191M
17.0	HD-8093M	HD-8128M	28.4	HD-8157M	HD-8192M
17.0	HD-8094M	HD-8129M	28.4	HD-8158M	HD-8193M
19.5	HD-8095M	HD-8130M	30.0	HD-8159M	HD-8194M
21.5	HD-8096M	HD-8131M	30.0	HD-8160M	HD-8195M
21.5	HD-8097M	HD-8132M	30.0	HD-8161M	HD-8196M
22.5	HD-8098M	HD-8133M	32.5	HD-8162M	HD-8197M
23.0	HD-8099M	HD-8038M	32.5	HD-8163M	HD-8198M
26.5	HD-8100M	HD-8046M	35.0	HD-8164M	HD-8199M
26.5	HD-8101M	HD-8134M	35.0	HD-8165M	HD-8200M
27.5	HD-8102M	HD-8135M	35.0	HD-8166M	HD-8201M
27.5	HD-8103M	HD-8136M	35.0	HD-8167M	HD-8202M
28.5	HD-8104M	HD-8137M	35.0	HD-8168M	HD-8203M
30.0	HD-8105M	HD-8138M	36.0	HD-8169M	HD-8204M
30.0	HD-8106M	HD-8139M	36.0	HD-8170M	HD-8205M
30.0	HD-8107M	HD-8140M	36.0	HD-8171M	HD-8206M
30.0	HD-8108M	HD-8141M	36.0	HD-8172M	HD-8207M
30.0	HD-8109M	HD-8047M	36.0	HD-8173M	HD-8208M
30.5	HD-8110M	HD-8142M	36.0	HD-8174M	HD-8209M
30.5	HD-8111M	HD-8048M	36.0	HD-8175M	HD-8210M
33.0	HD-8112M	HD-8143M	36.5	HD-8176M	HD-8211M
35.0	HD-8113M	HD-8144M	36.5	HD-8177M	HD-8212M
37.0	HD-8114M	HD-8145M	41.5	HD-8178M	HD-8213M
38.0	HD-8115M	HD-8146M	41.5	HD-8179M	HD-8214M
40.0	HD-8116M	HD-8147M	41.5	HD-8180M	HD-8215M
40.0	HD-8117M	HD-8148M	41.5	HD-8181M	HD-8216M
40.0	HD-8118M	HD-8049M	48.7	HD-8182M	HD-8217M
40.0	HD-8119M	HD-8050M	48.7	HD-8183M	HD-8218M
40.0	HD-8120M	HD-8149M	48.0	HD-8184M	HD-8219M
41.0	HD-8121M	HD-8150M	46.0	HD-8185M	HD-8220M
45.0	HD-8122M	HD-8151M	51.0	HD-8186M	HD-8221M
46.0	HD-8123M	HD-8152M	51.0	HD-8187M	HD-8222M
47.0	HD-8124M	HD-8153M	51.0	HD-8188M	HD-8223M

\* Other materials available upon request \*

**METRIC SIZES**

**Type VGMD**



Similar To:  
 Burgmann M2



Shaft Dia. d	Head OD D	Oper. Hgt. L
6	15	-
8	18	-
10	20	17.5
12	22	17.5
14	25	17.5
15	27	-
16	27	19.5
18	30	20.5
20	32	22.0
22	35	23.5
24	38	25.0
25	40	26.5
26	41	-
28	43	26.5
30	47	-
32	48	-
35	53	-
38	56	-

G9 Mating Ring	
Mating Ring OD D1	Mating Ring Thick L5
-	-
-	-
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0

Specify Rotation	
Right Hand Rotary Viton® / Carbon	Left Hand Rotary Viton® / Carbon
HD-8224MRH	HD-8224MLH
HD-8225MRH	HD-8225MLH
HD-8226MRH	HD-8226MLH
HD-8227MRH	HD-8227MLH
HD-8228MRH	HD-8228MLH
HD-8229MRH	HD-8229MLH
HD-8230MRH	HD-8230MLH
HD-8231MRH	HD-8231MLH
HD-8232MRH	HD-8232MLH
HD-8233MRH	HD-8233MLH
HD-8234MRH	HD-8234MLH
HD-8235MRH	HD-8235MLH
HD-8236MRH	HD-8236MLH
HD-8237MRH	HD-8237MLH
HD-8238MRH	HD-8238MLH
HD-8239MRH	HD-8239MLH
HD-8240MRH	HD-8240MLH
HD-8241MRH	HD-8241MLH

Features
To DIN 24960
Single Seal - Unbalanced
Uni-Directional
Conical Spring

Mating Ring Information
Mating Rings sold separately. Seal also uses Mating Ring styles VGM-G4 and VGM-G6.
See pages 164-165 for part numbers.

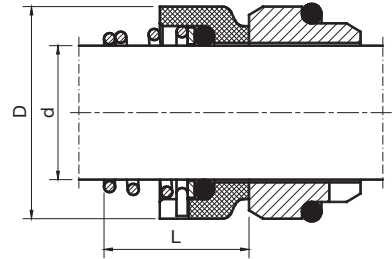
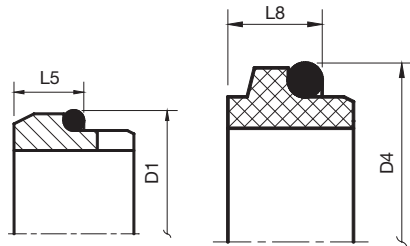
Materials *
Carbon Rotating Face
Silicon Carbide Mating Ring
Viton® Elastomer
304SS Metallurgy

\* Other materials available upon request \*

## METRIC SIZES

### Type VGME-1

Similar To:  
AES T02, Burgmann M3N  
Vulcan 8B



Shaft Dia. d	Head OD D	Oper. Hgt. L
10	19	15.5
12	21	16.0
14	23	16.5
15	24	18.0
16	26	18.0
18	29	19.5
20	31	22.0
22	33	21.5
24	35	23.5
25	36	26.5
28	40	26.5
30	43	26.5
32	46	28.5
33	47	28.5
35	49	28.5
38	53	33.5
40	56	36.0
42	59	37.5
43	59	38.5
45	61	39.5
48	64	46.0
50	66	45.0
53	69	47.0
55	71	49.0
58	76	55.0
60	78	55.0
65	84	55.0
68	88	55.0
70	90	57.0
75	98	62.0
80	100	61.8

G-9 Mating Ring		G-13 Mating Ring	
Mating Ring OD D1	Mating Ring Thick L5	Mating Ring OD D4	Mating Ring Thick L8
21	10.0	19.2	7.1
23	10.0	21.6	7.6
25	10.0	24.6	7.6
27	10.0	24.6	8.6
27	10.0	28.0	9.0
33	11.5	30.0	10.0
35	11.5	35.0	9.5
37	11.5	35.0	9.5
39	11.5	38.0	9.5
40	11.5	38.0	9.5
43	11.5	42.0	11.0
45	11.5	45.0	11.0
48	11.5	48.0	11.0
48	11.5	50.0	11.5
50	11.5	52.0	11.5
56	14.0	55.0	11.5
58	14.0	58.0	11.5
61	14.0	60.0	14.3
61	14.0	62.0	14.3
63	14.0	64.0	14.3
66	14.0	68.4	14.3
70	15.0	69.3	14.3
73	15.0	72.3	15.3
75	15.0	75.4	15.3
78	15.0	78.4	15.3
80	15.0	80.4	15.3
85	15.0	85.4	15.3
90	18.0	91.5	16.0
92	18.0	92.0	15.3
97	18.0	99.0	15.3
105	18.2	104.0	16.3

Specify Rotation	
Right Hand Rotary Viton® / 304SS	Left Hand Rotary Viton® / 304SS
HD-8242MRH	HD-8242MLH
HD-8243MRH	HD-8243MLH
HD-8244MRH	HD-8244MLH
HD-8245MRH	HD-8245MLH
HD-8246MRH	HD-8246MLH
HD-8247MRH	HD-8247MLH
HD-8248MRH	HD-8248MLH
HD-8249MRH	HD-8249MLH
HD-8250MRH	HD-8250MLH
HD-8251MRH	HD-8251MLH
HD-8252MRH	HD-8252MLH
HD-8253MRH	HD-8253MLH
HD-8254MRH	HD-8254MLH
HD-8255MRH	HD-8255MLH
HD-8256MRH	HD-8256MLH
HD-8257MRH	HD-8257MLH
HD-8258MRH	HD-8258MLH
HD-8259MRH	HD-8259MLH
HD-8260MRH	HD-8260MLH
HD-8261MRH	HD-8261MLH
HD-8262MRH	HD-8262MLH
HD-8263MRH	HD-8263MLH
HD-8264MRH	HD-8264MLH
HD-8265MRH	HD-8265MLH
HD-8266MRH	HD-8266MLH
HD-8267MRH	HD-8267MLH
HD-8268MRH	HD-8268MLH
HD-8269MRH	HD-8269MLH
HD-8270MRH	HD-8270MLH
HD-8271MRH	HD-8271MLH
HD-8272MRH	HD-8272MLH

Features
To DIN 24960
Single Seal - Unbalanced
Uni-Directional
Conical Spring

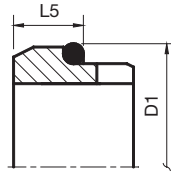
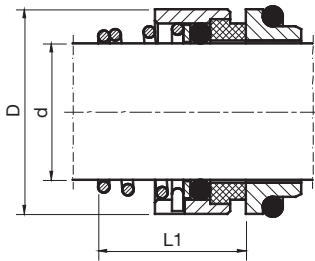
Mating Ring Information
Mating Rings sold seperately.
See pages 164-165 for part numbers.

Materials *
304SS Rotating Face
Carbon Mating Ring
Viton® Elastomer
304SS Metallurgy

\* Other materials available upon request \*

**METRIC SIZES**

**Type VGME-2**



Similar To:  
Burgmann M32



Shaft Dia. d	Head OD D	Oper. Hgt. L1
10	19	16.9
12	21	17.4
14	23	17.4
15	24	17.4
16	26	19.5
18	29	20.5
20	31	22.0
22	33	23.5
24	35	25.0
25	36	26.5
28	40	26.5
30	43	25.0
32	46	28.5
33	47	28.5
35	49	28.5
38	53	32.2
40	56	34.7
42	59	37.3
43	59	37.3
45	61	39.2
48	64	44.7
50	66	45.7
53	69	49.0
55	71	49.0
58	76	52.0
60	78	55.0
65	84	54.3
68	88	55.3
70	90	56.3
75	98	56.3
80	100	59.3

G9 Mating Ring	
Mating Ring OD D1	Mating Ring Thick L5
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0
58	14.0
61	14.0
61	14.0
63	14.0
66	14.0
70	15.0
73	15.0
75	15.0
78	15.0
80	15.0
85	15.0
90	18.0
92	18.0
97	18.0
105	18.2

Specify Rotation	
Right Hand Rotary Viton® / Carbon	Left Hand Rotary Viton® / Carbon
HD-8088MRH	HD-8088MLH
HD-8089MRH	HD-8089MLH
HD-8320MRH	HD-8320MLH
HD-8321MRH	HD-8321MLH
HD-8322MRH	HD-8322MLH
HD-8323MRH	HD-8323MLH
HD-8324MRH	HD-8324MLH
HD-8325MRH	HD-8325MLH
HD-8326MRH	HD-8326MLH
HD-8327MRH	HD-8327MLH
HD-8328MRH	HD-8328MLH
HD-8329MRH	HD-8329MLH
HD-8330MRH	HD-8330MLH
HD-8331MRH	HD-8331MLH
HD-8332MRH	HD-8332MLH
HD-8333MRH	HD-8333MLH
HD-8334MRH	HD-8334MLH
HD-8335MRH	HD-8335MLH
HD-8336MRH	HD-8336MLH
HD-8337MRH	HD-8337MLH
HD-8338MRH	HD-8338MLH
HD-8339MRH	HD-8339MLH
HD-8340MRH	HD-8340MLH
HD-8341MRH	HD-8341MLH
HD-8342MRH	HD-8342MLH
HD-8343MRH	HD-8343MLH
HD-8344MRH	HD-8344MLH
HD-8345MRH	HD-8345MLH
HD-8346MRH	HD-8346MLH
HD-8347MRH	HD-8347MLH
HD-8348MRH	HD-8348MLH

**Features**  
To DIN 24960  
Single Seal - Unbalanced  
Uni-Directional  
Conical Spring

**Mating Ring Information**  
Mating Rings sold separately.  
Seal also uses Mating Ring styles  
VGM-G4 and VGM-G6.  
See pages 164-165  
for part numbers.

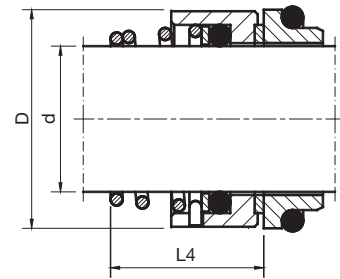
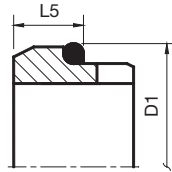
**Materials \***  
Shrink-Fitted Carbon Rotating Face  
Silicon Carbide Mating Ring  
Viton® Elastomer  
304SS Metallurgy

\* Other materials available upon request \*

**METRIC SIZES**

**Type VGME-3**

Similar To:  
 AES T01 DIN,  
 Vulcan 8 DIN,  
 Burgmann 37G



Shaft Dia. d	Head OD D	Oper. Hgt. L4
10	19	-
12	21	-
14	23	16.5
15	24	16.5
16	26	16.5
18	29	18.0
20	31	19.0
22	33	20.5
24	35	22.0
25	36	23.5
28	40	24.5
30	43	24.5
32	46	28.0
33	47	28.0
35	49	28.0
38	53	31.0
40	56	34.0
42	59	35.0
43	59	36.0
45	61	36.5
48	64	42.0
50	66	43.0
53	69	43.0
55	71	47.0
58	76	50.0
60	78	51.0
65	84	52.0
68	88	52.7
70	90	54.0
75	98	54.0
80	100	58.0

G-9 Mating Ring	
Mating Ring OD D1	Mating Ring Thick L5
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0
58	14.0
61	14.0
61	14.0
63	14.0
66	14.0
70	15.0
73	15.0
75	15.0
78	15.0
80	15.0
85	15.0
90	18.0
92	18.0
97	18.0
105	18.2

Specify Rotation	
Right Hand Rotary Viton® / SC	Left Hand Rotary Viton® / SC
HD-8349MRH	HD-8349MLH
HD-8350MRH	HD-8350MLH
HD-8351MRH	HD-8351MLH
HD-8352MRH	HD-8352MLH
HD-8353MRH	HD-8353MLH
HD-8354MRH	HD-8354MLH
HD-8355MRH	HD-8355MLH
HD-8356MRH	HD-8356MLH
HD-8357MRH	HD-8357MLH
HD-8358MRH	HD-8358MLH
HD-8359MRH	HD-8359MLH
HD-8360MRH	HD-8360MLH
HD-8361MRH	HD-8361MLH
HD-8362MRH	HD-8362MLH
HD-8363MRH	HD-8363MLH
HD-8364MRH	HD-8364MLH
HD-8365MRH	HD-8365MLH
HD-8366MRH	HD-8366MLH
HD-8367MRH	HD-8367MLH
HD-8368MRH	HD-8368MLH
HD-8369MRH	HD-8369MLH
HD-8370MRH	HD-8370MLH
HD-8371MRH	HD-8371MLH
HD-8372MRH	HD-8372MLH
HD-8373MRH	HD-8373MLH
HD-8374MRH	HD-8374MLH
HD-8375MRH	HD-8375MLH
HD-8376MRH	HD-8376MLH
HD-8377MRH	HD-8377MLH
HD-8378MRH	HD-8378MLH
HD-8379MRH	HD-8379MLH

Features
To DIN 24960 Single Seal - Unbalanced Uni-Directional Conical Spring

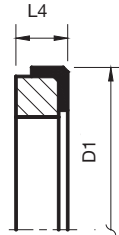
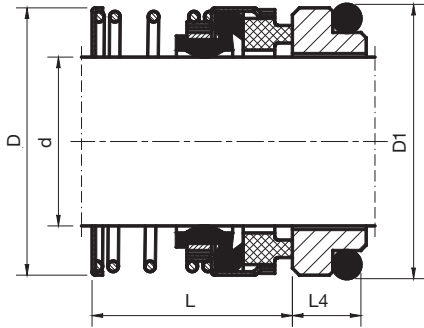
Mating Ring Information
Mating Rings sold separately. Seal also uses Mating Ring styles VGM-G4 and VGM-G6.  See pages 164-165 for part numbers.

Materials *
Shrink-Fitted Silicon Carbide Rotating Face Silicon Carbide Mating Ring Viton® Elastomer 304SS Metallurgy

\* Other materials available upon request \*

**METRIC SIZES**

**Type VGMH**



Similar To:  
 AES PO3, Sealol Type 43  
 Vulcan 24



Shaft Dia. d	Head OD D	Oper. Hgt. L
12	22.8	23.9
14	22.8	26.4
16	26.4	26.4
18	29.5	27.5
20	33.6	27.5
22	33.6	27.5
24	39.1	30.0
25	39.1	30.0
28	42.5	32.5
30	45.6	32.5
32	45.6	32.5
33	49.0	32.5
35	49.0	32.5
38	52.0	34.0
40	57.2	34.0
43	60.6	34.0
45	60.6	34.0
48	63.8	34.0
50	65.6	34.5
55	76.9	34.5
58	78.4	39.5
60	78.4	39.5
63	81.2	39.5
65	84.5	39.5
68	89.6	37.2
70	89.6	44.7
75	96.6	44.7

Mating Ring OD D1	Mating Ring Thick L4
23	6.6
25	6.6
27	6.6
33	6.6
35	7.5
37	7.5
39	7.5
40	7.5
43	7.5
45	7.5
48	7.5
48	7.5
50	7.5
56	9.0
58	9.0
61	9.0
63	9.0
66	9.0
70	9.5
75	11.0
78	11.0
80	11.0
83	11.0
85	11.0
90	11.3
92	11.3
97	11.3

Rotary Part No. Buna / Carbon	Rotary Part No. Viton® / SC
HD-8273M	HD-8293M
HD-8274M	HD-8294M
HD-8275M	HD-8295M
HD-8276M	HD-8296M
HD-8039M	HD-8297M
HD-8277M	HD-8298M
HD-8040M	HD-8299M
HD-8041M	HD-8300M
HD-8278M	HD-8301M
HD-8042M	HD-8302M
HD-8279M	HD-8303M
HD-8280M	HD-8304M
HD-8281M	HD-8305M
HD-8282M	HD-8306M
HD-8283M	HD-8307M
HD-8043M	HD-8308M
HD-8284M	HD-8309M
HD-8285M	HD-8310M
HD-8286M	HD-8311M
HD-8044M	HD-8312M
HD-8287M	HD-8313M
HD-8045M	HD-8314M
HD-8288M	HD-8315M
HD-8289M	HD-8316M
HD-8290M	HD-8317M
HD-8291M	HD-8318M
HD-8292M	HD-8319M

**Features**

To DIN 24960  
 Single Seal - Unbalanced  
 Bi-Directional  
 Elastomer Bellows

**Mating Ring Information**

Mating Rings sold separately.  
 Seal shown with Mating Ring  
 styles VGM-G6 and VGM-G60.

See pages 164-165 for part numbers.

**Materials \***

Carbon or Silicon Carbide  
 Rotating Face  
 Silicon Carbide Mating Ring  
 Buna or Viton® Elastomer  
 304SS Metallurgy

\* Other materials available upon request \*

## METRIC SIZES

### Type VGM-G Mating Rings

### Features

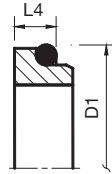
To DIN 24960

Standard Materials:  
VGM-G60, VGM-G6 & VGM-G9,  
Viton® / Silicon Carbide

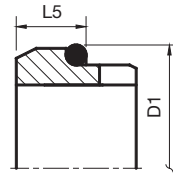
VGM-G9 also available in  
Viton® / Carbon



G60



G6



G9

Shaft Dia. d	Mating Ring OD D1	Mating Ring Thick L4	VGM-G60 Viton® / SC Part No.	VGM-G6 Viton® / SC Part No.
10	21	6.6	STG60VSC10	STG6VSC10
12	23	6.6	STG60VSC12	STG6VSC12
14	25	6.6	STG60VSC14	STG6VSC14
15	27	6.6	STG60VSC15	STG6VSC15
16	27	6.6	STG60VSC16	STG6VSC16
18	33	7.5	STG60VSC18	STG6VSC18
20	35	7.5	STG60VSC20	STG6VSC20
22	37	7.5	STG60VSC22	STG6VSC22
24	39	7.5	STG60VSC24	STG6VSC24
25	40	7.5	STG60VSC25	STG6VSC25
28	43	7.5	STG60VSC28	STG6VSC28
30	45	7.5	STG60VSC30	STG6VSC30
32	48	7.5	STG60VSC32	STG6VSC32
33	48	7.5	STG60VSC33	STG6VSC33
35	50	7.5	STG60VSC35	STG6VSC35
38	56	9.0	STG60VSC38	STG6VSC38
40	58	9.0	STG60VSC40	STG6VSC40
42	61	9.0	STG60VSC42	STG6VSC42
43	61	9.0	STG60VSC43	STG6VSC43
45	63	9.0	STG60VSC45	STG6VSC45
48	66	9.0	STG60VSC48	STG6VSC48
50	70	9.5	STG60VSC50	STG6VSC50
53	73	11.0	STG60VSC53	STG6VSC53
55	75	11.0	STG60VSC55	STG6VSC55
58	78	11.0	STG60VSC58	STG6VSC58
60	80	11.0	STG60VSC60	STG6VSC60
65	85	11.0	STG60VSC65	STG6VSC65
68	90	11.3	STG60VSC68	STG6VSC68
70	92	11.3	STG60VSC70	STG6VSC70
75	97	11.3	STG60VSC75	STG6VSC75
80	105	12.0	STG60VSC80	STG6VSC80
85	110	14.0	STG60VSC85	STG6VSC85
90	115	14.0	STG60VSC90	STG6VSC90
95	120	14.0	STG60VSC95	STG6VSC95
100	125	14.0	STG60VSC100	STG6VSC100

Mating Ring OD D1	Mating Ring Thick L5	VGM-G9 Viton® / Carbon Part No.	VGM-G9 Viton® / SC Part No.
21	10.0	STG9VCA10	STG9VSC10
23	10.0	STG9VCA12	STG9VSC12
25	10.0	STG9VCA14	STG9VSC14
27	10.0	STG9VCA15	STG9VSC15
27	10.0	STG9VCA16	STG9VSC16
33	11.5	STG9VCA18	STG9VSC18
35	11.5	STG9VCA20	STG9VSC20
37	11.5	STG9VCA22	STG9VSC22
39	11.5	STG9VCA24	STG9VSC24
40	11.5	STG9VCA25	STG9VSC25
43	11.5	STG9VCA28	STG9VSC28
45	11.5	STG9VCA30	STG9VSC30
48	11.5	STG9VCA32	STG9VSC32
48	11.5	STG9VCA33	STG9VSC33
50	11.5	STG9VCA35	STG9VSC35
56	14.0	STG9VCA38	STG9VSC38
58	14.0	STG9VCA40	STG9VSC40
61	14.0	STG9VCA42	STG9VSC42
61	14.0	STG9VCA43	STG9VSC43
63	14.0	STG9VCA45	STG9VSC45
66	14.0	STG9VCA48	STG9VSC48
70	15.0	STG9VCA50	STG9VSC50
73	15.0	STG9VCA53	STG9VSC53
75	15.0	STG9VCA55	STG9VSC55
78	15.0	STG9VCA58	STG9VSC58
80	15.0	STG9VCA60	STG9VSC60
85	15.0	STG9VCA65	STG9VSC65
90	18.0	STG9VCA68	STG9VSC68
92	18.0	STG9VCA70	STG9VSC70
97	18.0	STG9VCA75	STG9VSC75
105	18.2	STG9VCA80	STG9VSC80
110	18.2	STG9VCA85	STG9VSC85
115	18.2	STG9VCA90	STG9VSC90
120	17.2	STG9VCA95	STG9VSC95
125	17.2	STG9VCA100	STG9VSC100

\* Other materials available upon request \*

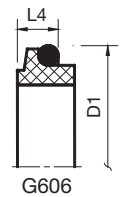
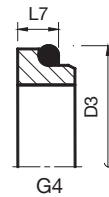
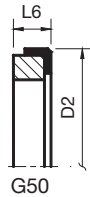
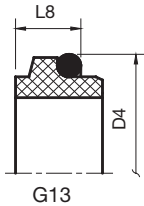
### METRIC SIZES

#### Type VGM-G Mating Rings

**Standard Materials:**

**VGM-G50 & VGM-G4, Viton® / Silicon Carbide**

**VGM-G13 & VGM-G606, Viton® / Carbon**



Shaft Dia. d	Seat OD D4	Mating Ring Thick L8	Mating Ring OD D2	Mating Ring Thick L6	VGM-G13 Viton® / Carbon Part No.	VGM-G50 Viton® / SC Part No.
10	19.2	7.1	24.60	9.0	STG13VCA10	STG50VSC10
12	21.6	7.6	27.80	9.0	STG13VCA12	STG50VSC12
14	24.6	7.6	30.95	10.5	STG13VCA14	STG50VSC14
15	24.6	8.6	30.95	10.5	STG13VCA15	STG50VSC15
16	28.0	9.0	30.95	10.5	STG13VCA16	STG50VSC16
18	30.0	10.0	34.15	10.5	STG13VCA18	STG50VSC18
20	35.0	9.5	35.70	10.5	STG13VCA20	STG50VSC20
22	35.0	9.5	37.30	10.5	STG13VCA22	STG50VSC22
24	38.0	9.5	40.50	10.5	STG13VCA24	STG50VSC24
25	38.0	9.5	40.50	10.5	STG13VCA25	STG50VSC25
28	42.0	11.0	47.65	12.0	STG13VCA28	STG50VSC28
30	45.0	11.0	50.80	12.0	STG13VCA30	STG50VSC30
32	48.0	11.0	50.80	12.0	STG13VCA32	STG50VSC32
33	50.0	11.5	54.00	12.0	STG13VCA33	STG50VSC33
35	52.0	11.5	54.00	12.0	STG13VCA35	STG50VSC35
38	55.0	11.5	57.15	12.0	STG13VCA38	STG50VSC38
40	58.0	11.5	60.35	12.0	STG13VCA40	STG50VSC40
42	60.0	14.3	63.50	12.0	STG13VCA42	STG50VSC42
43	62.0	14.3	63.50	12.0	STG13VCA43	STG50VSC43
45	64.0	14.3	63.50	12.0	STG13VCA45	STG50VSC45
48	68.4	14.3	66.70	12.0	STG13VCA48	STG50VSC48
50	69.3	14.3	69.85	13.5	STG13VCA50	STG50VSC50
53	72.3	15.3	73.05	13.5	STG13VCA53	STG50VSC53
55	75.4	15.3	76.20	13.5	STG13VCA55	STG50VSC55
58	78.4	15.3	79.40	13.5	STG13VCA58	STG50VSC58
60	80.4	15.3	79.40	13.5	STG13VCA60	STG50VSC60
65	85.4	15.3	92.10	16.0	STG13VCA65	STG50VSC65
68	91.5	16.0	95.25	16.0	STG13VCA68	STG50VSC68
70	92.0	15.3	95.25	16.0	STG13VCA70	STG50VSC70
75	99.0	15.3	101.60	16.0	STG13VCA75	STG50VSC75
80	104.0	16.3	114.30	20.0	STG13VCA80	STG50VSC80
85	INQ	INQ	117.50	20.0	STG13VCA85	STG50VSC85
90	INQ	INQ	123.85	20.0	STG13VCA90	STG50VSC90
95	INQ	INQ	127.00	20.0	STG13VCA95	STG50VSC95
100	INQ	INQ	133.35	20.0	STG13VCA100	STG50VSC100

Mating Ring OD D3	Mating Ring Thick L7	VGM-G4 Viton® / SC Part No.
19.2	6.6	STG4VSC10
21.6	5.6	STG4VSC12
24.6	5.6	STG4VSC14
24.6	6.6	STG4VSC15
28.0	7.5	STG4VSC16
30.0	8.0	STG4VSC18
35.0	7.5	STG4VSC20
35.0	7.5	STG4VSC22
38.0	7.5	STG4VSC24
38.0	7.5	STG4VSC25
42.0	9.0	STG4VSC28
45.0	10.5	STG4VSC30
48.0	10.5	STG4VSC32
50.0	11.0	STG4VSC33
52.0	11.0	STG4VSC35
55.0	10.3	STG4VSC38
58.0	10.8	STG4VSC40
62.0	12.0	STG4VSC42
62.0	12.0	STG4VSC43
64.0	11.6	STG4VSC45
68.4	11.6	STG4VSC48
69.3	11.6	STG4VSC50
72.3	12.3	STG4VSC53
75.4	13.3	STG4VSC55
78.4	13.3	STG4VSC58
80.4	13.3	STG4VSC60
85.4	13.0	STG4VSC65
91.5	13.7	STG4VSC68
92.0	13.0	STG4VSC70
99.0	14.0	STG4VSC75
104.0	15.0	STG4VSC80
109.0	14.8	STG4VSC85
114.0	14.8	STG4VSC90
120.3	15.8	STG4VSC95
123.3	15.8	STG4VSC100

Mating Ring OD D1	Mating Ring Thick L4	VGM-G606 Viton® / Carbon Part No.
21	6.6	STG606VCA10
23	6.6	STG606VCA12
25	6.6	STG606VCA14
27	6.6	STG606VCA15
27	6.6	STG606VCA16
33	7.5	STG606VCA18
35	7.5	STG606VCA20
37	7.5	STG606VCA22
39	7.5	STG606VCA24
40	7.5	STG606VCA25
43	7.5	STG606VCA28
45	7.5	STG606VCA30
48	7.5	STG606VCA32
48	7.5	STG606VCA33
50	7.5	STG606VCA35
56	9.0	STG606VCA38
58	9.0	STG606VCA40
61	9.0	STG606VCA42
61	9.0	STG606VCA43
63	9.0	STG606VCA45
66	9.0	STG606VCA48
70	9.5	STG606VCA50
73	11.0	STG606VCA53
75	11.0	STG606VCA55
78	11.0	STG606VCA58
80	11.0	STG606VCA60
85	11.0	STG606VCA65
90	11.3	STG606VCA68
92	11.3	STG606VCA70
97	11.3	STG606VCA75
105	12.0	STG606VCA80
110	14.0	STG606VCA85
115	14.0	STG606VCA90
120	14.0	STG606VCA95
125	14.0	STG606VCA100

\* Other materials available upon request \*



## GRUNDFOS REPLACEMENT SEALS

Used in CR / CRI / CRN Series Vertical Multistage Centrifugal Pumps

### BELLOWS COMPONENT SEAL

Pump Models CR2, CRN2 (S), CR4, CRN4 (S), CR8

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1300	VGM706B	12	QLFLF	405096
VGMG-1301	VGM706B	12	VLFLF	405347
VGMG-1302	VGM706B	12	VZFZF	405347TC



Grundfos Type B  
Value Guard Type VGM706E

Pump Models CR8, CRN8 (S), CR16, CRN16 (S)

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1303	VGM706B	16	QLFLF	425763
VGMG-1304	VGM706B	16	VLFLF	425762
VGMG-1305	VGM706B	16	VZFZF	425762TC
VGMG-1400	VGM706E	12	VZFZF	—
VGMG-1401	VGM706E	16	VZFZF	—

### O-RING COMPONENT SEAL

Used in SPK Series Pumps

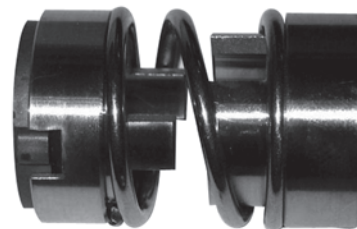
Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1516	VGM706D	12	VCFLF	3950008
VGMG-1517	VGM706D	12	VLFLF	—

• Makes Installation easy where the impeller spline shaft can not be removed



Value Guard Type 706D

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1400	VGM706E	12	VZFZF	—
VGMG-1401	VGM706E	16	VZFZF	—



Value Guard Type VGM706E

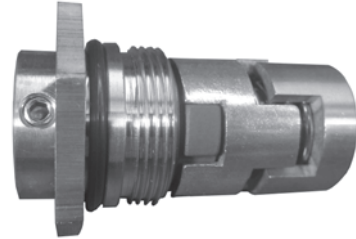
## GRUNDFOS REPLACEMENT SEALS

Used in CR / CRI / CRN Series Vertical Multistage Centrifugal Pumps

### CARTRIDGE STYLE-Threaded Retainer

Pump Models CR, CR8 CRI, CRN1, CRN3, CRN5, CRNE1, CRNE3-23HS

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1500	VGM706C	12	QCFZF	96455082
VGMG-1501	VGM706C	12	QZFZF	96455086
VGMG-1502	VGM706C	12	VCFZF	96455083
VGMG-1503	VGM706C	12	VLFLF	96455087
VGMG-1504	VGM706C	12	VZFZF	96455085



Grundfos Type H  
Value Guard Type VGM706C

Pump Models CR, CRI, CRN10, CRN15, CRN20

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1505	VGM706C	16	QCFZF	96511836
VGMG-1506	VGM706C	16	QZFZF	96511840
VGMG-1507	VGM706C	16	VCFZF	96511837
VGMG-1508	VGM706C	16	VLFLF	96511845
VGMG-1509	VGM706C	16	VZFZF	96511841

### CARTRIDGE STYLE - Clamped Retainer

Pump Models CR, CRN32, CRN45, CRN64, CRN90

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Grundfos Part No.
VGMG-1510	VGM706C	22	QCFZF	96416584
VGMG-1511	VGM706C	22	QZFZF	96433365
VGMG-1512	VGM706C	22	VCFZF	96525459
VGMG-1513	VGM706C	22	VLFLF	96525490
VGMG-1514	VGM706C	22	VZFZF	96436728



Grundfos Type E  
Value Guard Type VGM706C

## FLYGT REPLACEMENT SEALS

Flygt Model No.	Value Guard Part No.	Seal Type	Shaft MM	Materials of Construction
2066 LOWER	VGf-2066LLZA	PD	20	Silicon / Tungsten / Bronze
2066 UPPER	VGf-2066ULZA	PD	20	Silicon / Tungsten / Bronze
2066 O-RING KIT	VGf-2066-OKIT	Standard	20	Buna
2102.040 LOWER	VGf-2102-040LLLA	PD	22	Silicon / Silicon / Bronze
2102.040 LOWER	VGf-2102-040LZZA	PD	22	Tungsten / Tungsten / Bronze
2102.040 UPPER	VGf-2102-040ULLA	PD	22	Silicon / Silicon / Bronze
2102.040 UPPER	VGf-2102-040UZZA	PD	22	Tungsten / Tungsten / Bronze
2102 O-RING KIT	VGf-2102-OKIT	Standard	22	Buna
2102.041 LOWER	VGf-2102-041LLLA	PD	22	Silicon / Silicon / Bronze
2102.041 LOWER	VGf-2102-041LZZA	PD	22	Tungsten / Tungsten / Bronze
2102.041 UPPER	VGf-2102-041ULLA	PD	22	Silicon / Silicon / Bronze
2102.041 UPPER	VGf-2102-041UZZA	PD	22	Tungsten / Tungsten / Bronze
2125 LOWER	VGf-2125LZZA	PD	28	Tungsten / Tungsten / Bronze
2125 UPPER	VGf-2125UZZA	PD	28	Tungsten / Tungsten / Bronze
2125 O-RING KIT	VGf-2125-OKIT	Standard	28	Buna
2140 LOWER	VGf-2125LZZA	PD	28	Tungsten / Tungsten / Bronze
2140 UPPER	VGf-2125UZZA	PD	28	Tungsten / Tungsten / Bronze
2140 O-RING KIT	VGf-2140-OKIT	Standard	28	Buna
2151 UPPER	VGf-2151UCJA	PD	35	Carbon / Ceramic / Bronze
2151 UPPER	VGf-2151ULLA	PD	35	Silicon / Silicon / Bronze
2151 UPPER	VGf-3126UZLA	PD	35	Tungsten / Silicon / Bronze
2151 UPPER	VGf-2151UZZA	PD	35	Tungsten / Tungsten / Bronze
2151 O-RING KIT	VGf-2151-OKIT	Standard	35	Buna
2151.010 LOWER	VGf-3126LZLF	RSC	35	Tungsten / Silicon / 316SS
2151.010 LOWER	VGf-3126LZZF	RSC	35	Tungsten / Tungsten / 316SS
2151.011 LOWER	VGf-2151-011LZZF	Special	35	Tungsten / Tungsten / 316SS
2201 LOWER LT	VGf-3126LZLF	RCS	35	Tungsten / Silicon / 316SS
2201 LOWER LT	VGf-3126LZZF	RCS	35	Tungsten / Tungsten / 316SS
2201 UPPER	VGf-3152UCLM	TL	45	Carbon / Silicon / Plastic
2201 UPPER	VGf-3152ULLM	TL	45	Silicon / Silicon / Plastic
2201 UPPER	VGf-3152UZLM	TL	45	Tungsten / Silicon / Plastic
2201 UPPER	VGf-3152UZZM	TL	45	Tungsten / Tungsten / Plastic
2201 O-RING KIT	VGf-3152-OKIT	Standard	45	Buna
2201.011 ( HT,MT )	VGf-2201-011ZZF	Special	35	Tungsten / Tungsten / 316SS
2201.320.430 UPPER	VGf-2201.320/.430ULLM	TL	45	Silicon / Silicon / Plastic
2201.320.430 UPPER	VGf-2201.320/.430UZZM	TL	45	Tungsten / Tungsten / Plastic
2250 LOWER	VGf-2250LZZA	TL	60	Tungsten / Tungsten / Bronze
2250 UPPER	VGf-3201UCZA	TL	60	Carbon / Tungsten / Bronze
2250 UPPER	VGf-3201UCZM	TL	60	Carbon / Tungsten / Plastic
2250 UPPER	VGf-3201UZZA	TL	60	Tungsten / Tungsten / Bronze
2250 UPPER	VGf-3201UZZM	TL	60	Tungsten / Tungsten / Plastic
2250 O-RING KIT	VGf-2250-OKIT	Standard	60	Buna
2400 LOWER	VGf-3201LZZF	RSC	60	Tungsten / Tungsten / 316SS
2400 UPPER	VGf-3201UCZA	TL	60	Carbon / Tungsten / Bronze
2400 UPPER	VGf-3201UCZM	TL	60	Carbon / Tungsten / Plastic
2400 UPPER	VGf-3201UZZA	TL	60	Tungsten / Tungsten / Bronze
2400 UPPER	VGf-3201UZZM	TL	60	Tungsten / Tungsten / Plastic
2400 O-RING KIT	VGf-2400-OKIT	Standard	60	Buna
3066	See 3085 Series	SL	20	
3066 O-RING KIT	VGf-3066-OKIT	Standard	20	Buna
3067	See 3085 Series	SL	20	
3067 O-RING KIT	VGf-3067-OKIT	Standard	20	Buna
3067	See 3085 Series	SL	20	

## FLYGT REPLACEMENT SEALS

Flygt Model No.	Value Guard Part No.	Seal Type	Shaft MM	Materials of Construction
3068 O-RING KIT	VGF-3068-OKIT	Standard	20	Buna
3082 LOWER	VGF-2102-040LZZA	PD	22	Tungsten / Tungsten / Bronze
3082 UPPER	VGF-2102-040UZZA	PD	22	Tungsten / Tungsten / Bronze
3082 O-RING KIT	VGF-3082-OKIT	Standard	22	Buna
3085 IND LOW	VGF-3085ILZLA	SL	20	Tungsten / Silicon / Bronze
3085 IND LOW	VGF-3085ILZZA	SL	20	Tungsten / Tungsten / Bronze
3085 LOWER	VGF-3085LLLLM	SL	20	Silicon / Silicon / Plastic
3085 LOWER	VGF-3085LLZM	SL	20	Silicon / Tungsten / Plastic
3085 LOWER	VGF-3085LZZM	SL	20	Tungsten / Tungsten / Plastic
3085 UP or LOW	VGF-3085LLLLM	SL	20	Silicon / Silicon / Plastic
3085 UPPER	VGF-3085UCJM	SL	20	Carbon / Ceramic / Plastic
3085 UPPER	VGF-3085UCLM	SL	20	Carbon / Silicon / Plastic
3085 UPPER	VGF-3085ULLM	SL	20	Silicon / Silicon / Plastic
3085 O-RING KIT	VGF-3085-OKIT	Standard	20	Buna
3101 LOWER	VGF-3101LZZA	PD	28	Tungsten / Tungsten / Bronze
3101 UPPER	VGF-2125UZZA	PD	28	Tungsten / Tungsten / Bronze
3101 O-RING KIT	VGF-3101-OKIT	Standard	28	Buna
3102 LOWER	VGF-3102LLLLM	SL	25	Silicon / Silicon / Plastic
3102 LOWER	VGF-3102LZLM	SL	25	Tungsten / Silicon / Plastic
3102 LOWER	VGF-3102LZZM	SL	25	Tungsten / Tungsten / Plastic
3102 UPPER	VGF-3102UCLM	SL	25	Carbon / Silicon / Plastic
3102 UPPER	VGF-3102UCZM	SL	25	Carbon / Tungsten / Plastic
3102 UPPER	VGF-3102ULLM	SL	25	Silicon / Silicon / Plastic
3102 UPPER	VGF-3102UZZM	SL	25	Tungsten / Tungsten / Plastic
3102 O-RING KIT	VGF-3102-OKIT	Standard	25	Buna
3126 LOWER	VGF-3126LLZF	RSC	35	Silicon / Tungsten / 316SS
3126 LOWER	VGF-3126LZLF	RSC	35	Tungsten / Silicon / 316SS
3126 UPPER	VGF-3126UCJA	PD	35	Carbon / Ceramic / Bronze
3126 UPPER	VGF-3126UCLA	PD	35	Carbon / Silicon / Bronze
3126 UPPER	VGF-3126ULLA	PD	35	Silicon / Silicon / Bronze
3126 UPPER	VGF-3126UZLA	PD	35	Tungsten / Silicon / Bronze
3126 UPPER	VGF-3126UZZA	PD	35	Tungsten / Tungsten / Bronze
3126 O-RING KIT	VGF-3126-OKIT	Standard	35	Buna
3126 / 3127 IND	VGF-3127IZLF	Special	35	Tungsten / Silicon / 316SS
3127 UP or LOW	VGF-3127LLLLM	SL	35	Silicon / Silicon / Plastic
3127 UP or LOW	VGF-3127LZLM	SL	35	Tungsten / Silicon / Plastic
3127 UP or LOW	VGF-3127LZZM	SL	35	Tungsten / Tungsten / Plastic
3127 UPPER	VGF-3127UCJM	SL	35	Carbon / Ceramic / Plastic
3127 UPPER	VGF-3127UCLM	SL	35	Carbon / Silicon / Plastic
3127 UPPER	VGF-3127UCZM	SL	35	Carbon / Tungsten / Plastic
3127 O-RING KIT	VGF-3127-OKIT	Standard	35	Buna
3140 LOWER	VGF-3152LZLF	RSC	45	Tungsten / Silicon / 316SS
3140 LOWER	VGF-3152LZZF	RSC	45	Tungsten / Tungsten / 316SS
3140 UPPER	VGF-3152UCLM	TL	45	Carbon / Silicon / Plastic
3140 UPPER	VGF-3152UCZM	TL	45	Carbon / Tungsten / Plastic
3140 UPPER	VGF-3152ULLM	TL	45	Silicon / Silicon / Plastic
3140 UPPER	VGF-3152UZLM	TL	45	Tungsten / Silicon / Plastic
3140 UPPER	VGF-3152UZZM	TL	45	Tungsten / Tungsten / Plastic
3140 O-RING KIT	VGF-3140-OKIT	Standard	45	Buna
3152 LOWER	VGF-3152LZLF	RSC	45	Tungsten / Silicon / 316SS
3152 LOWER	VGF-3152LZZF	RSC	45	Tungsten / Tungsten / 316SS
3152 UPPER	VGF-3152UCLM	TL	45	Carbon / Silicon / Plastic
3152 UPPER	VGF-3152UCZM	TL	45	Carbon / Tungsten / Plastic

## FLYGT REPLACEMENT SEALS

Flygt Model No.	Value Guard Part No.	Seal Type	Shaft MM	Materials of Construction
3152 UPPER	VGf-3152ULLM	TL	45	Silicon / Silicon / Plastic
3152 UPPER	VGf-3152UZLM	TL	45	Tungsten / Silicon / Plastic
3152 UPPER	VGf-3152UZZM	TL	45	Tungsten / Tungsten / Plastic
3152 O-RING KIT	VGf-3152-OKIT	Standard	45	Buna
3170 LOWER	VGf-3201LZZF	RSC	60	Tungsten / Tungsten / 316SS
3170 UPPER	VGf-3201UCZA	TL	60	Carbon / Tungsten / Bronze
3170 UPPER	VGf-3201UCZM	TL	60	Carbon / Tungsten / Plastic
3170 UPPER	VGf-3201UZZA	TL	60	Tungsten / Tungsten / Bronze
3170 UPPER	VGf-3201UZZM	TL	60	Tungsten / Tungsten / Plastic
3170 GASKET	VGf-3201GASK	Special	60	Buna
3170 O-RING KIT	VGf-3201-OKIT	Standard	60	Buna
3201 LOWER	VGf-3201LZZF	RSC	60	Tungsten / Tungsten / 316SS
3201 UPPER	VGf-3201UCZA	TL	60	Carbon / Tungsten / Bronze
3201 UPPER	VGf-3201UCZM	TL	60	Carbon / Tungsten / Plastic
3201 UPPER	VGf-3201UZZA	TL	60	Tungsten / Tungsten / Bronze
3201 UPPER	VGf-3201UZZM	TL	60	Tungsten / Tungsten / Plastic
3201 GASKET	VGf-3201GASK	Special	60	Buna
3201 O-RING KIT	VGf-3201-OKIT	Standard	60	Buna
3300 LOWER	VGf-3300LZZF	RSC	90	Tungsten / Tungsten / 316SS
3300 UPPER	VGf-3300UCZM	New Style	90	Carbon / Tungsten / Plastic
3300 UPPER	VGf-3300UZZF	New Style	90	Tungsten / Tungsten / 316SS
3300 UPPER	VGf-3300UZZM	New Style	90	Tungsten / Tungsten / Plastic
3300 UPPER	VGf-3300UCZF	Special TL	90	Carbon / Tungsten / 316ss
3300 UPPER	VGf-3300UZZF	Special TL	90	Tungsten / Tungsten / 316SS
3300 GASKET	VGf-3300GASK	Special	90	Buna
3300 O-RING KIT	VGf-3300-OKIT	Standard	90	Buna
3530 LOWER	VGf-3530LZZF	Special TL	120	Tungsten / Tungsten / 316SS
3530 UPPER	See 3300 Series	Special TL	90	Carbon / Tungsten / 316SS

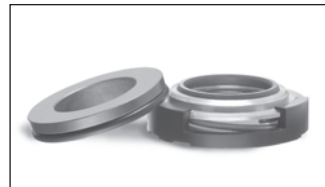
### FLYGT SEAL TYPES



Type PD



Type RSC



Type SL



Type TL

## FLYGT PLUG-IN™ REPLACEMENT SEALS

Flygt Model No.	Part Description	Materials of Construction	Value Guard Part No.	Shaft MM
All these models use the same seal. The O-kits are model specific	Double Cartridge	Buna / (TC/TC) (TC/TC) / Plastic	VGF-2610-CZZ	20
	Double Cartridge	Viton® / (TC/TC) (TC/TC) / Plastic	VGF-2610V-CZZ	20
2610	O-Ring Kit	Buna	VGF-2610-OKIT	20
2620	O-Ring Kit	Buna	VGF-2620-OKIT	20
2630	O-Ring Kit	Buna	VGF-2630-OKIT	20
2640	O-Ring Kit	Buna	VGF-2640-OKIT	20
4610 / 4620	O-Ring Kit	Buna	VGF-4610-OKIT	20
4610 / 4620	O-Ring Kit	Viton®	VGF-4610V-OKIT	20
All these models use the same seal. The O-kits are model specific	Double Cartridge	Buna / (SC/SC) (SC/SC) / Plastic	VGF-4630CLLM	25
	Double Cartridge	Viton® / (SC/SC) (SC/SC) / Plastic	VGF-4630VCLLM	25
4630 / 4640	O-Ring Kit	Buna	VGF-4630-OKIT	25
4630 / 4640	O-Ring Kit	Viton®	VGF-4630V-OKIT	25
4630 / 4640	Adapter Plate	Stainless	VGF-4630-ADPT	25
All these models use the same seal.	Double Cartridge	Viton® / (TC/T ) (TC/TC) / Plastic	VGF-3153CZZ	35
2670	O-Ring Kit	Buna	VGF-2160-OKIT	35
3153	O-Ring Kit	Buna	VGF-3153-OKIT	35
3153	O-Ring Kit	Viton®	VGF-3153V-OKIT	35
5100.210 / 5100.220	O-Ring Kit	Buna	VGF-5100-OKIT	35
5100.210 / 5100.220	O-Ring Kit	Viton®	VGF-5100V-OKIT	35
5100.211	O-Ring Kit	Buna	VGF-5100-211-OKIT	35
5100.221	O-Ring Kit	Buna	VGF-5100-221-OKIT	35
All these models use the same seal.	Double Cartridge	Viton® / (TC/TC) (TC/TC) / 316SS	VGF-3171CZZ	45
3171	O-Ring Kit	Buna	VGF-3170-OKIT	45
3171	O-Ring Kit	Viton®	VGF-3170V-OKIT	45
4650 / 4660	O-Ring Kit	Buna	VGF-4650-OKIT	45
4650 / 4660	O-Ring Kit	Viton®	VGF-4650V-OKIT	45
5100.250	O-Ring Kit	Buna	VGF-5100-250-OKIT	45
5100.251	O-Ring Kit	Buna	VGF-5100-251-OKIT	45
5100.260	O-Ring Kit	Buna	VGF-5100-260-OKIT	45
5100.260	O-Ring Kit	Viton®	VGF-5100-260V-OKIT	45
All these models use the same seal.	Double Cartridge	Viton® / (TC/TC) (TC/TC) / 316SS	VGF-3202CZZ	60
3202	O-Ring Kit	Buna	VGF-3202-OKIT	60
3202	O-Ring Kit	Viton®	VGF-3202V-OKIT	60
4670/4680	O-Ring Kit	Buna	VGF-4670-OKIT	60
4670/4680	O-Ring Kit	Viton®	VGF-4670V-OKIT	60
5100.3	O-Ring Kit	Buna	VGF-5100-3-OKIT	60
5100.31	O-Ring Kit	Buna	VGF-5100-31-OKIT	60
5150.3	O-Ring Kit	Buna	VGF-5150-3-OKIT	60
5150.31	O-Ring Kit	Buna	VGF-5150-31-OKIT	60
All these models use the same seal.	Double Cartridge	Viton® / (TC/TC) (TC/TC) / 316SS	VGF-3301CZZ	90
3301	O-Ring Kit	Buna	VGF-3301-OKIT	90
3301	O-Ring Kit	Viton®	VGF-3301V-OKIT	90
5150.35	O-Ring Kit	Buna	VGF-5150-35-OKIT	90
5150.36	O-Ring Kit	Buna	VGF-5150-36-OKIT	90

### FLYGT PLUG-IN™ REPLACEMENT SEALS

- ◆ Compact design
- ◆ Double cartridge seal
- ◆ Faces are protected during installation
- ◆ Factory assembled as a unit
- ◆ Fool proof mounting
- ◆ Springs are isolated from the pump media



Supplied with either SC (Silicon Carbide) or TC (Tungsten Carbide) faces

## METRIC SEAL DESIGNS FOR SUBMERSIBLE PUMPS

### BJM PUMPS®

Value Guard Part No.	Seal Type	Shaft MM	Material Code	BJM Part No.
VGM-01325E	VGMA	20	BCFJF / BLFLF	M01325E
VGM-01325V	VGMA	20	VCFJF / VLFLF	M01325V
VGM-01352CV	VGMA	25	VCFJF / VLFLF	M01352CV
VGM-8030V *	VGM562	30	VCFJF / VLFLF	M01368V
VGM-01362E	VGMA	32	QCFJF / QLFLF	M01362E
VGM-01362V	VGMA	32	VCFJF / VLFLF	M01362V
VGM-01366E	VGMA	35	QCFJF / QLFLF	M01366E
VGM-01366V	VGMA	35	VCFJF / VLFLF	M01366V
VGM-1355 *	VGM562	45	BLFLF / BLFLF	M01355
VGM-1355V *	VGM562	45	VLFLF / VLFLF	M01355V

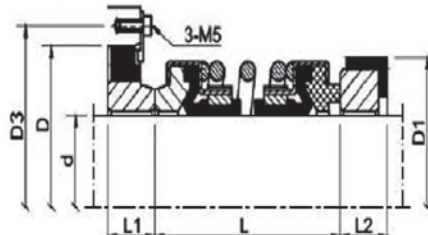


Type VGMA

\* Include retaining plate

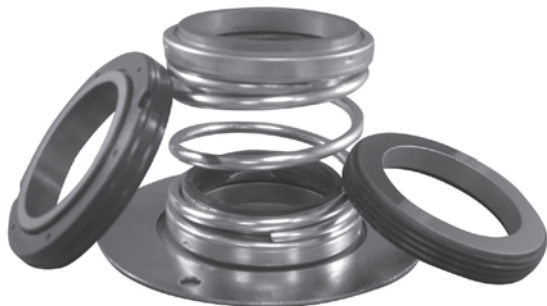
### EBARA FLUID HANDLING

Value Guard Part No.	Seal Type	Shaft MM	Material Code
VGM-2981V *	VGM562	13	VLFLF / VCFJF
VGM-2982V *	VGM562	14	VLFLF / VCFJF
VGM-2979V *	VGM562	15	VLFLF / VCFJF
VGM-2974V *	VGM562	16	VLFLF / VCFJF
VGM-2980V	VGM562	20	VLFLF / VCFJF
VGM-2975V	VGM562	25	VLFLF / VCFJF
VGM-8030V	VGM562	30	VLFLF / VCFJF
VGM-2976V	VGM562	35	VLFLF / VCFJF
VGM-2977V	VGM562	40	VLFLF / VCFJF
VGM-2978V	VGM562	45	VLFLF / VCFJF
VGM-2983V	VGM562	50	VLFLF / VCFJF



d	L	D	L1	D1	L2	D3
13	26	25	5	25	5	-
14	26	30	5	30	5	-
15	26	30	5	30	5	-
16	26	30	5	30	5	-
20	35	44	8	38	8	60
25	35	50	8	44	8	60
30	40	57	10	50	9	70
35	42	65	10	58	9	80
40	45	70	11	64	9	85
45	46	70	10	66	9	90
50	50	80	10	72	9	95

\* Supplied with cup mounted mating rings and no retaining plate



Type VGM562 with Plate

## METRIC SEAL DESIGNS FOR SUBMERSIBLE PUMPS

### GPM, INC. (Eliminator)

Value Guard Part No.	Seal Type	Shaft MM	Material Code	GPM Part No.
VGM-8500	VGMHD	40	VLFLF / VLFLF	30154-050
VGM-1969	VGMHD	50	VLFLF / VLFLF	—
VGM-2362	VGMHD	60	VLFLF / VLFLF	—
VGM-2756	VGMHD	70	VLFLF / VLFLF	84-40404-050/84-60406-040/84-BCLH4-050
VGM-3250	VGMHD	3.250"	VLFLF / VLFLF	—



Type VGMHD

### HANJIN PUMPS Series 2921/ 2924 / 2926

Value Guard Part No.	Seal Type	Shaft MM	Material Code	HANJIN PUMPS Part Model No.
VGM-2921	VGM562	20	VLFLF / VCFJF	SP-1026
VGM-2922	VGM562	25	VLFLF / VCFJF	HTV-3-5.5-18 / HTV-4-4.5-18
VGM-2923	VGM562	30	VLFLF / VCFJF	SP-2026 / HTV-4-11-48 / HTV-4-15-48
VGM-2924	VGM562	35	VLFLF / VCFJF	SP-3026
VGM-2925	VGM562	40	VLFLF / VCFJF	SP-4026
VGM-2926	VGM562	45	VLFLF / VCFJF	SP-5026



Type VGM562

### TSURUMI PUMP

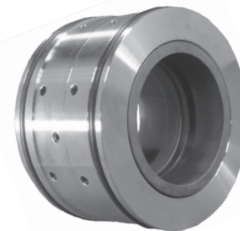
Value Guard Part No.	Seal Type	Shaft MM	Material Code	TSURUMI PUMP Part No.
VGMW-14HL	VGM562	14	VLFLF / VLFLF	W-14HL / 025-290-19
VGMHT-2530N	VGM562	25/30	VLFLF / VLFLF	HT-2530N / 025-000-01 / 025-302-15
VGMHT-3035N	VGM562	30/35	VLFLF / VLFLF	HT-3035N / 025-000-02 / 025-303-16
VGMH-35	VGM562	35	VLFLF / VLFLF	H-35 / 025-195-13
VGMHT-3540N	VGM562	35/40	VLFLF / VLFLF	HT-3540N / 025-000-03 / 025-304-17
VGMHT-4550N	VGM562	45/50	VLFLF / VLFLF	HT-4550N / 025-000-04 / 025-305-18
VGMH-50T	VGM562	50	VLFLF / VLFLF	H-50T / 025-268-18
VGMH-60	VGM562	60	VLFLF / VLFLF	H-60 / 025-199-17
VGMH-70	VGM562	70	VLFLF / VLFLF	H-70 / 025-200-12



Type VGM562

### WILO-EMU®

Value Guard Part No.	Seal Type	Shaft MM	Material Code	WILO-EMU® Part No.
VGM-2961	VGM763	35	VLFLF (316SS)	6037442
VGM-2962	VGM763	50	VLFLF (316SS)	6037443
VGM-2963	VGM763	75	VLFLF (316SS)	6037444

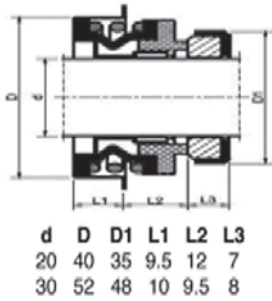


Type VGM763



## HONDA TRASH PUMP REPLACEMENT SEALS

Value Guard Part No.	Seal Type	Shaft MM	Material Code	Honda Model No.	Honda Seal No.
VGM-2964	VGM-BV	20	BCFJF	WT20X, WT30X	—
VGM-8502	VGM-BV	20	VLFLF	WT20X, WT30X	78130-YB4-901
VGM-2965	VGM-BV	30	BCFJF	WT40X	—
VGM-8501	VGM-BV	30	VLFLF	WT40X	—



Type VGM-BV

## ROTO-JET® REPLACEMENT SEALS

Value Guard Part No.	Seal Type	Shaft Dia.	Material Code	Roto-Jet Head Part No.	Roto-Jet Mating Ring Part No.
VG-3001	VGXAB	2-1/2	VLFZF	06604721JC	0652046-002

### Where Used

- ◆ Roto-Jet® pumps are used in high pressure wash systems.



Type VGXAB

## SMITH & LOVELESS REPLACEMENT SEALS

Value Guard Part No.	Seal Type	Shaft Dia.	Material Code	Smith & Loveless Model No.	Smith & Loveless Seal No.
VG-3315	HV	1-7/8	BCFJF	B-Shaft	H87A28
VG-1105	HDV	1-7/8	BCFJF	B-Shaft	H60A119
VG-3316	HV	2-1/8	BCFJF	C-Shaft	H87A97
VG-1107	HDV	2-1/8	BCFJF	C-Shaft	H60A120



Type HDV

Flooded Suction, Non-Clog Sewage Pumps

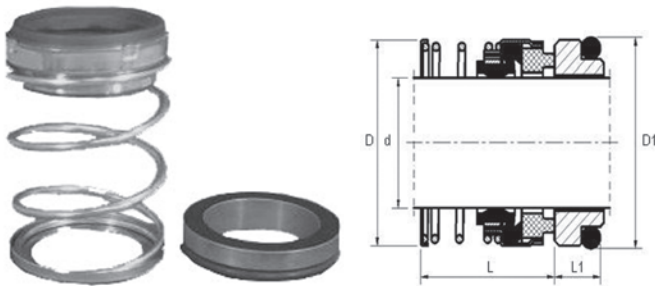
*For Additional Listing of Smith & Loveless, see page 68*

## TRAVAINI REPLACEMENT SEALS

Value Guard Type VGMH					
Travaini Part No.	Value Guard Part No.	Shaft d	Oper. Hgt. L	Mating Ring OD D1	Mating Ring Thick L1
950022SAC915	VGM-8251	22	27.5	37	10.3
950022SAC916	VGM-8251	22	27.5	37	10.3
950028SAC915	VGM-8253	28	32.5	43	12.0
950028SAC916	VGM-8253	28	32.5	43	12.0
950035SAC915	VGM-8255	35	32.5	50	12.0
950035SAC916	VGM-8255	35	32.5	50	12.0
950043SAC915	VGM-8258	43	34.0	61	12.0
950043SAC916	VGM-8258	43	34.0	61	12.0
950055SAC915	VGM-8261	55	34.5	75	13.5
950055SAC916	VGM-8261	55	34.5	75	13.5
950075SAC915	VGM-8263	75	44.7	97	15.9

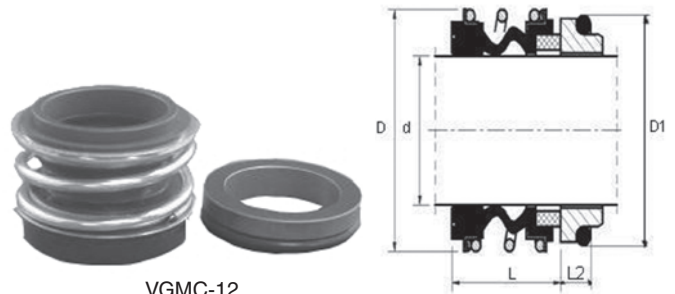
Value Guard Type VGMC-12				
Value Guard Part No.	Shaft d	Oper. Hgt. L	Mating Ring OD D1	Mating Ring Thick L1
VGM-8251Z	22	30.0	37	7.5
VGM-8251Z	22	30.0	37	7.5
VGM-8253Z	28	35.0	43	7.5
VGM-8253Z	28	35.0	43	7.5
VGM-8255Z	35	35.0	50	7.5
VGM-8255Z	35	35.0	50	7.5
VGM-8258Z	43	36.0	61	9.0
VGM-8258Z	43	36.0	61	9.0
VGM-8261Z	55	36.5	75	11.0
VGM-8261Z	55	36.5	75	11.0
VGM-8263Z	75	48.7	97	11.3

### Type VGMH



VGMH  
Shown with LS3.

### Type VGMC-12



VGMC-12  
Shown with G6.  
G60 is Optional

### Materials

- ◆ Carbon Rotating Face
- ◆ SC - Stationary Face
- ◆ Viton® Elastomers
- ◆ 304SS Metallurgy

### Features

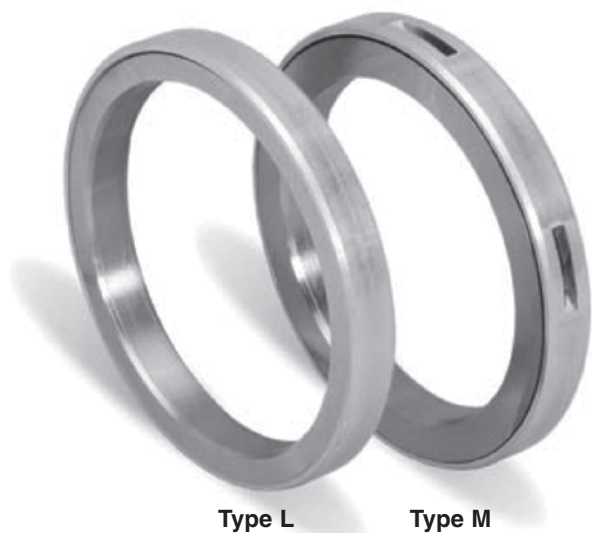
- ◆ To DIN 24960
- ◆ Bi-Directional
- ◆ Elastomer Bellows
- ◆ Unbalanced

## LABYRINTH SEALS

U.S. Seal Mfg. Part No.		Sizes Size in MM		
Type L	Type M	ID	OD	Width
PS-5601	PS-5016	20	28	10
PS-5602	PS-5017	22	30	10
PS-5603	PS-5630	25	37	10
PS-5604	PS-5680	28	39	10
PS-5605	PS-5631	30	42	10
PS-5062	PS-5632	32	45	10
PS-5606	PS-5633	35	47	10
PS-5607	PS-5634	40	52	10
PS-5038	PS-5635	42	55	10
PS-5051	PS-5636	45	55	10
PS-5608	PS-5681	48	62	10
PS-5048	PS-5637	50	62	10
PS-5609	PS-5682	52	68	10
PS-5610	PS-5638	55	68	10
PS-5611	PS-5683	58	72	10
PS-5612	PS-5684	60	72	10
PS-5627	PS-5645	60	80	10
PS-5613	PS-5686	63	80	10

U.S. Seal Mfg. Part No.		Sizes Size in MM		
Type L	Type M	ID	OD	Width
PS-5628	PS-5687	65	80	10
PS-5614	PS-5639	65	85	10
PS-5615	PS-5688	68	85	10
PS-5616	PS-5689	70	85	10
PS-5629	PS-5646	70	90	10
PS-5617	PS-5690	72	90	10
PS-5618	PS-5036	75	90	10
PS-5619	PS-5691	80	100	10
PS-5049	PS-5648	90	110	10
PS-5050	PS-5640	100	120	10
PS-5620	PS-5641	110	130	15
PS-5621	PS-5692	120	140	15
PS-5622	PS-5642	130	150	15
PS-5623	PS-5693	140	170	15
PS-5624	PS-5643	150	180	15
PS-5014	PS-5694	160	190	20
PS-5626	PS-5695	170	210	20
PS-5015	PS-5644	180	210	20

### U.S. Seal Mfg. Mini-Maze - The One Piece, All Metal, Labyrinth Seal that...



- ◆ Presses into position in seconds
- ◆ Seals in grease or other lubricants
- ◆ Stops dust, sand and metal chips from entering bearing cavities
- ◆ Has almost unlimited life - no wear as in lip or face-type seals

#### Product Description

- ◆ Type L is a package type labyrinth seal consisting of two precision rings, an aluminum outer ring and a steel inner ring, that are permanently mated.
- ◆ The Type M is for applications where higher pressure must be sealed or where labyrinth leakage must be minimal.

#### Specifications

- ◆ Temperature -350°F to +600°F
- ◆ Pressure - Splash or very tight pressures (to 1 PSI) under dynamic head conditions.
- ◆ Speed - to 30,000 fpm.

# CYCLONE ABRASIVE SEPARATORS

Our cyclone separators provide a simple, yet effective, method of keeping abrasives away from the sealing faces, thereby increasing seal life and reducing maintenance costs.

Connected to the discharge side of the pump, the separator takes the abrasive-laden fluid and removes the foreign particles.

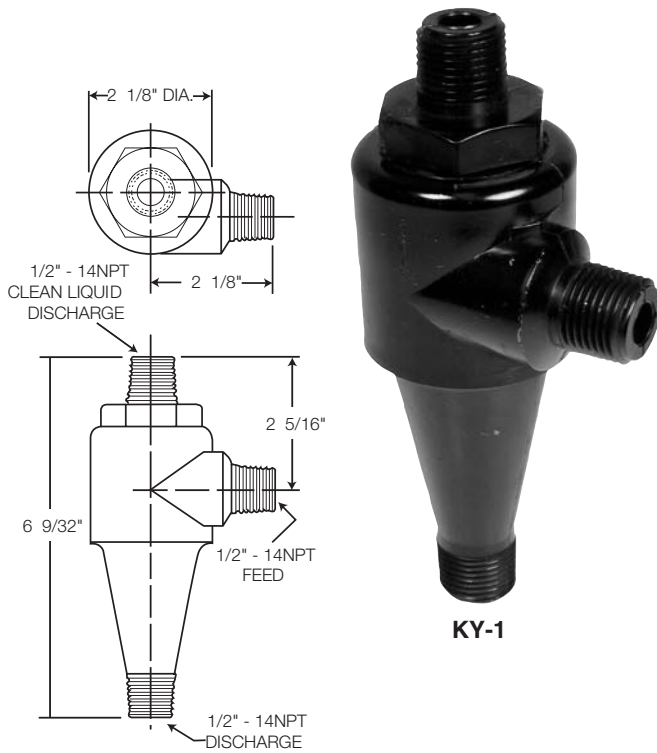
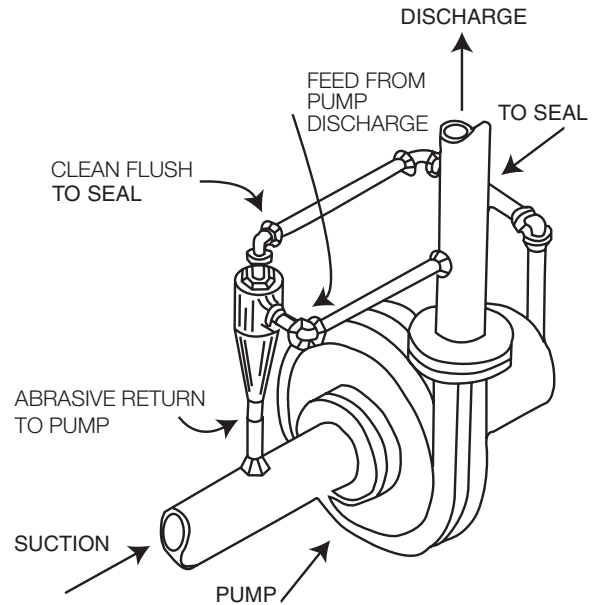
The clean fluid from the separator is injected into the stuffing box providing a positive circulation and cool environment for the seal.

## Required Operating Conditions

Minimum pressure differential of 20 PSI should be maintained between pump suction and pump discharge.

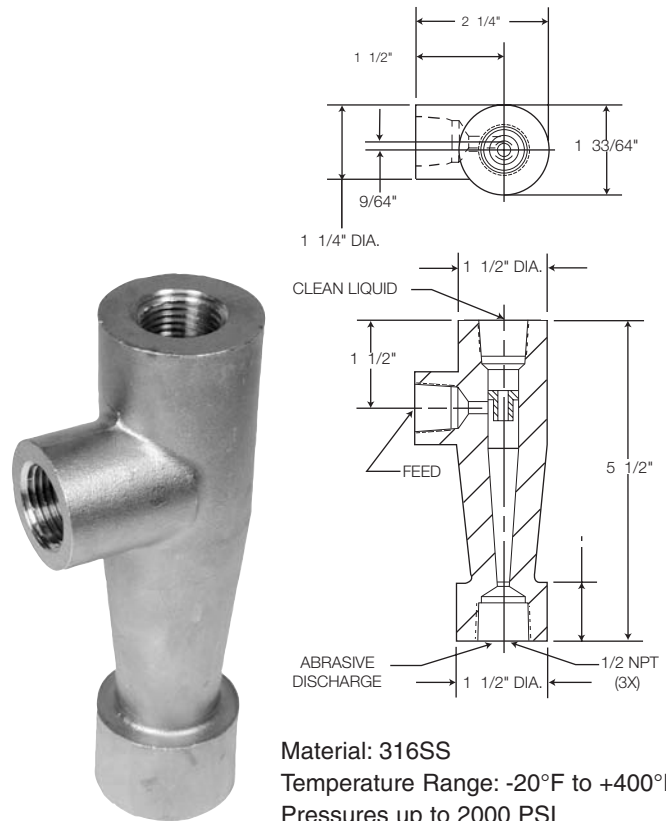
Specific gravity of the particles being separated must be greater than the liquid.

Minimum particle size removed is 1 micron. Solids content of the pumped fluid should not exceed 10%.



**KY-1**

Material: Nylon  
 Temperature Range: 0°F to +240°F  
 Pressures up to 650 PSI



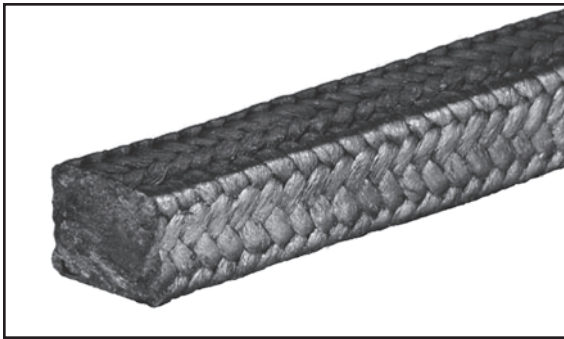
**KY-3SS**

Material: 316SS  
 Temperature Range: -20°F to +400°F  
 Pressures up to 2000 PSI

Cyclone separators are only effective with products in suspension, such as sand, iron oxide, or dirt. Product dissolved in the liquid can not be removed by a cyclone separator

# PACKING - STYLE 58

## PTFE Based Packing - General and Chemical Service



### Product Description

Style 58 combines the chemical-resistant and low-friction generation characteristics of continuous PTFE filament yarns with the superior heat dissipation and self-lubricating properties of graphite.

An excellent choice for chemical resistance, this nonabrasive packing provides excellent conformability, adjustability and flexibility. A superior, low-maintenance choice where minimum field adjustment and fast break-in and start-up are necessary.

Style 58 Packing is ideal for controlled leakage and extrusion resistance at high pressures and shaft speeds. When used as a multipurpose packing, inventory costs are greatly reduced.

### Performance Capabilities

- Temperature:  
-350°F to 500°F
- Pressure:  
Pump 20 bar / 300 psi  
Valve 275 bar / 4000 psi
- Speed:  
15 mps / 3000 fpm
- pH Range:  
0 to 14

### Applications

Air, ammonia, chemicals, condensate, corrosives, gases, liquor, oils, paper stock, solvents, steam, and water

### Construction Features

Interlace Braid  
Style 58 has individual continuous filament yarns which are impregnated with a high-purity graphite and high-temperature lubricant.

The graphite and lubricant assist with break-in, reduce friction, and dissipate heat throughout the stuffing box.

Call U.S. Seal Mfg. for additional styles and sizes.

### Typical Equipment

Agitators, digesters, expansion joints, mixers, pumps, reciprocating and rotating equipment, valve stems

### Industries Served

- Agriculture
- Chemical
- General Industry
- Marine
- Municipal
- Oil and Gas
- Pharmaceutical
- Power Generation
- Pulp and Paper
- Steel and Metals

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012501058	89.93
3/16"	USP-018701058	39.34
1/4"	USP-025001058	22.01
5/16"	USP-031201058	14.13
3/8"	USP-037501058	9.78
7/16"	USP-043701058	7.20
1/2"	USP-050001058	5.50
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

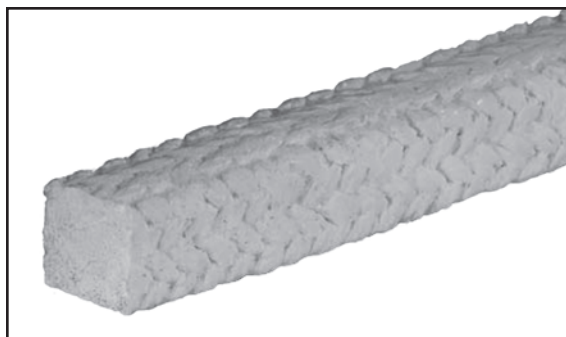
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012505058	449.64
3/16"	USP-018705058	196.70
1/4"	USP-025005058	110.06
5/16"	USP-031205058	70.66
3/8"	USP-037505058	48.91
7/16"	USP-043705058	36.02
1/2"	USP-050005058	27.51
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210058	43.56
5/8"	USP-062510058	35.22
3/4"	USP-075010058	24.46
7/8"	USP-087510058	17.97
1"	USP-100010058	13.74

Replaces: American Braiding - 8000T, 8100BIL, 8200BIL / Chemstar - 165, 165LA, 3165 / Chesterton - 1750, 1760  
Garlock - Packmaster 6, 5100 / John Crane - C1070 / Marlow - 462 / New England Braiding - 102  
Palmetto 1389 / Phelps - 2024 / Sepco - ML 3600, ML 4002, ML 8002 / Teadit - 2007 / Utex - 210, 244, 246

# PACKING - STYLE 302

## Synthetic Packing - General Service



### Product Description

Style 302 is a cost effective general service packing. It contains no graphite.

Constructed of the highest quality synthetic fibers and lubricants. Designed to handle a wide range of fluids at moderate to high temperatures, pressures and shaft speeds.

Style 302 packing is thoroughly impregnated with PTFE in order to enhance chemical resistance, lubricity and dimensional stability. This helps to ensure even gland load distribution, promoting longer packing life.

### Performance Capabilities

- Temperature:  
-170°F to 500°F
- Pressure:  
Pump Up to 20 bar / 300 psi  
Valve Up to 68 bar / 1000 psi
- Speed:  
Up to 11 mps / 2250 fpm
- pH Range:  
2 to 12

### Applications

Gases, mild acids and caustics, non abrasives, oils, solvents, steam, water

### Typical Equipment

Rotating and reciprocating equipment, valves and expansion joints

### Construction Features

Interlace Braid

Style 302 has spun synthetic fibers thoroughly impregnated with PTFE dispersion plus a general service compatible lubricant.

Call U.S. Seal Mfg. for additional styles and sizes.

### Industries Served

- Agriculture
  - General Industry
  - Marine
  - Municipal
- Oil and Gas
  - Power Generation
  - Pulp and Paper
  - Wastewater

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012501302	116.28
3/16"	USP-018701302	54.73
1/4"	USP-025001302	29.06
5/16"	USP-031201302	18.66
3/8"	USP-037501302	12.91
7/16"	USP-043701302	9.51
1/2"	USP-050001302	7.27
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

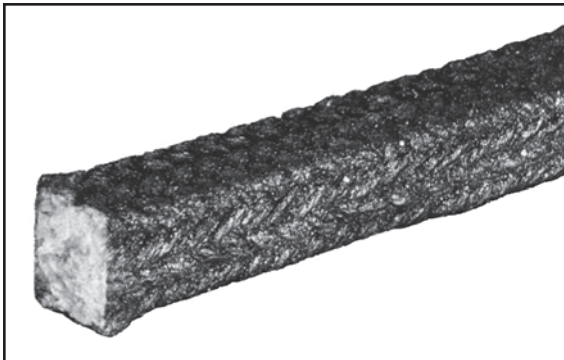
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012505302	581.40
3/16"	USP-018705302	273.67
1/4"	USP-025005302	145.31
5/16"	USP-031205302	93.28
3/8"	USP-037505302	64.54
7/16"	USP-043705302	47.55
1/2"	USP-050005302	36.33
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210302	57.50
5/8"	USP-062510302	40.84
3/4"	USP-075010302	32.28
7/8"	USP-087510302	23.72
1"	USP-100010302	18.16

Replaces: American Braiding - 3000N, 3000T / Chemstar - 1152, 11621B / Chesterton - 412W, 1710, 1774  
 Garlock - Packmaster 1, 7223, 8922 / John Crane - 1335 / Marlow - 250 / New England Braiding - 142  
 Palmetto 1347AF, 1392 / Phelps - 2072, 2172 / Sepco - ML2225, ML2550 / Teadit - 2019 / Utex - 234, 237

# PACKING - STYLE 303

## Graphite-Coated Packing - General Service



### Product Description

Style 303 is a cost effective graphite-coated general service packing constructed of the highest quality synthetic fibers and lubricants designed to handle a wide range of fluids at moderate to high temperatures, pressures, and shaft speeds.

Style 303 packing is thoroughly impregnated with lubricants to fill braided voids in order to reduce product penetration.

An external graphite coating is added for lubricity and to enhance heat dissipation for increased packing life.

### Performance Capabilities

- Temperature:  
-170°F to 500°F
- Pressure:  
Pump Up to 20 bar / 300 psi  
Valve Up to 68 bar / 1000 psi
- Speed:  
Up to 10 mps / 2000 fpm
- pH Range:  
4 to 10

### Applications

Gases, mild acids and caustics, non abrasives, oils, solvents, steam, water

### Typical Equipment

Rotating and reciprocating equipment, valves and expansion joints

### Construction Features

Interlace Braid

Style 303 has spun synthetic fibers treated with a proprietary blend of petroleum-based lubricants plus an external coating of graphite

Call U.S. Seal Mfg. for additional styles and sizes.

### Industries Served

- Agriculture
- General Industry
- Marine
- Municipal
- Oil and Gas
- Power Generation
- Pulp and Paper
- Wastewater

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012501303	151.52
3/16"	USP-018701303	72.52
1/4"	USP-025001303	33.32
5/16"	USP-031201303	25.91
3/8"	USP-037501303	17.94
7/16"	USP-043701303	13.21
1/2"	USP-050001303	10.09
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

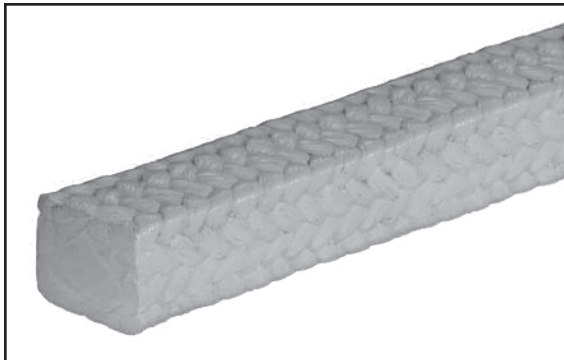
Three Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012503303	454.55
3/16"	USP-018703303	217.55
1/4"	USP-025003303	99.97
5/16"	USP-031203303	77.74
3/8"	USP-037503303	53.91
7/16"	USP-043703303	39.62
1/2"	USP-050003303	30.26
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056205303	39.78
5/8"	USP-062505303	31.89
3/4"	USP-075005303	22.98
7/8"	USP-087505303	16.46
1"	USP-100005303	12.94

Replaces: American Braiding - 3000G / Chemstar - 1398, 1430 / Garlock - Packmaster 2 or 3  
Garlock - 8909, 8913 / John Crane - 1340 / Marlow - 259 / New England Braiding - 142G  
Palmetto 1007AF, 1030AF / Phelps - 2075, 2175, 2176 / Sepco - ML402 / Teadit - 2255 / Utex - 233, 236

# PACKING - STYLE 792

## PTFE (FDA Compliant) Braided Packing for Food and Beverage Service



### Product Description

Style 792 is a firm, yet pliable packing manufactured from the purest PTFE filaments.

Also an excellent choice for chemical resistance, this packing is free from color contamination for applications where color contamination can not be tolerated.

Style 792 contains a food grade lubricant which provides faster break-in and reduced shaft wear.

### Performance Capabilities

- Temperature:  
-450°F to 500°F
- Pressure:  
Pump 20 bar / 300 psi  
Valve 170 bar / 2500 psi
- Speed:  
10 mps / 2000 fpm
- pH Range:  
0 to 14

### Applications

Food and Beverage packaging  
Pharmaceutical production

### Typical Equipment

Rotating and reciprocating equipment, valves

### Industries Served

- Food and Beverage
- Pharmaceutical

### Construction Features

Lattice Braid

Style 792's PTFE filament is compliant with FDA regulation 21 CFR 177.1550.

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012501792	89.93
3/16"	USP-018701792	39.34
1/4"	USP-025001792	22.01
5/16"	USP-031201792	14.13
3/8"	USP-037501792	9.78
7/16"	USP-043701792	7.20
1/2"	USP-050001792	5.50
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012505792	449.64
3/16"	USP-018705792	196.70
1/4"	USP-025005792	110.06
5/16"	USP-031205792	70.66
3/8"	USP-037505792	48.91
7/16"	USP-043705792	36.02
1/2"	USP-050005792	27.51
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210792	43.52
5/8"	USP-062510792	35.22
3/4"	USP-075010792	24.46
7/8"	USP-087510792	17.97
1"	USP-100010792	13.74

Replaces: American Braiding - 244FDA / Chemstar - 154 FDA / Chesterton - 425, 1725  
Garlock - 5904 / John Crane - C1056 / New England Braiding- 110  
Palmetto 1367FS / Phelps - 2031 / Sepco - ML2236FDA / Teadit - 2006FDA / Utex - 245



# PTFE LANTERN RING STRIP



## Product Description

PTFE lantern rings are widely used in applications where outside lubrication is necessary in order to keep packing lubricated, cool, and flushed of abrasives and chemicals. The use of lantern rings greatly increases the life of compression packing, resulting in less maintenance and downtime over the life of the equipment.

PTFE lantern rings will handle a wide range of fluids, offering maximum corrosion resistance and, unlike metallic rings, will not gall or score shafts or sleeves. They have also been successfully used in bearing assemblies as a conduit for grease or oil. The lantern ring works in aiding movement of the lubricant without risk of contamination or excess stuffing box wear.

## Performance Capabilities

- Temperature:  
-400°F to 500°F
- Pressure:  
Pump 68 bar / 1000 psi
- Speed:  
Not Applicable
- pH Range:  
0 to 14

## Construction Features

4 Foot Strip

## Applications

Air, ammonia, boiler feed water, chemicals, condensate, corrosives, gases, liquor, oils, paper stock, solvents, steam, water

## Typical Equipment

Rotating and reciprocating equipment, valves

## Industries Served

- Chemical
- General Industry
- Mining and Minerals
- Municipal
- Oil and Gas
- Pharmaceutical
- Power Generation
- Pulp and Paper
- Steel and Metals
- Wastewater

Height	Width	Part Number
1/4"	3/8"	USP-02500375LRS
5/16"	7/16"	USP-03120437LRS
3/8"	1/2"	USP-03750500LRS
7/16"	9/16"	USP-04370562LRS
1/2"	5/8"	USP-05000625LRS
9/16"	11/16"	USP-05620687LRS
5/8"	3/4"	USP-06250750LRS
3/4"	7/8"	USP-07500875LRS
7/8"	1"	USP-08751000LRS

Height	Width	Part Number
1/4"	1/2"	USP-02500500LRS
5/16"	5/8"	USP-03120625LRS
3/8"	3/4"	USP-03750750LRS
7/16"	7/8"	USP-04370875LRS
1/2"	1"	USP-05001000LRS
9/16"	1"	USP-05621000LRS
5/8"	1"	USP-06251000LRS
3/4"	1"	USP-07501000LRS
1"	1"	USP-10001000LRS

If the products featured will be used in a potentially dangerous and/or hazardous process, your U.S. Seal Mfg. representative should be consulted prior to their selection and use. In the interest of continuous development, U.S. Seal Mfg. reserves the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated.

# PACKING ACCESSORIES

## PACKING HOOKS - "T" Handled, Flexible with Replaceable Cork Screw Tips

Hook Size	Hook Length	Used for Packing Size	U.S. Seal Mfg. Part No.	Replaceable Tip Part No.
Midget	6-1/2"	5/32" and Up	USP-PKGMGT	—
Small	7-1/2"	5/16" and Up	USP-PKGHOOKSM	USP-REPLTIPSM
Medium	11"	7/16" and Up	USP-PKGHOOKMED	USP-REPLTIPMED
Large	14"	1/2" and Up	USP-PKGHOOKLG	USP-REPLTIPLG



## PACKING CUTTERS

### Hand Held Packing Cutter

Size	U.S. Seal Mfg. Part No.	Type of Cuts	Max. Cross Section
Hand Held	USP-HTPKGCUT	Butt	Up to 3/4"
		Diagonal	Up to 5/8"



Hand Held

### Guillotine Packing Cutter

Size	U.S. Seal Mfg. Part No.	Type of Cuts	Max. Cross Section	Packing Ring ID
Small	USP-SMPKGCUT	Butt	Up to 1"	Up to 4"
		Diagonal	Up to 3/4"	
Medium	USP-MEDPKGCUT	Butt	Up to 1"	Up to 10"
		Diagonal	Up to 3/4"	



Guillotine

## TOOL KITS - Contain an Assortment of Hooks, Picks and Replacement Tips



### USP-TOOLKITLG

- ◆ Contains 36 pcs.
- ◆ Hooks, picks, tips, thread adapters, brush sets, packing cutting knife with leather sheath, tool box

### USP-TOOLKITMED (as shown)

- ◆ Contains 17 pcs.
- ◆ Hooks, picks, tips, wrench, case only

### USP-TOOLKITSMALL

- ◆ Contains 11 pcs.
- ◆ Hooks, picks, tips, wrench, case only

## SEAL INSTALLATION LUBRICANT

# USING THE WRONG SEAL INSTALLATION LUBRICANT WILL DESTROY YOUR SEALS

### U.S. SEALUBE

- ◆ Safe for incidental food contact and potable water applications.
- ◆ Meets FDA Regulation 21 CFR 178.3570 and is NSF-Registered as a H1 lubricant.
- ◆ Great for all seals and elastomers.
- ◆ 15 to 20 minutes work time before drying.
- ◆ Totally evaporates, leaving no residue.

### HOW DOES THIS HAPPEN?

During installation, chances are the installation lubricant will come in contact with sealing faces.

Once a PTFE or silicone based product touches the seal faces, it is nearly impossible to remove.

When the pump is started, the PTFE or silicone draws the carbon from the primary ring, and smears this material on the face of the mating ring, causing a build-up which eventually destroys the seal. Protect your seals from this certain death. Use only U.S. SEALUBE for your seal installations. ◆



PTFE or Silicone Based Lubricants Destroy Seals



#### U.S. SEALUBE

Part No.	Available In
LUBE-PP	1cc Pillow Pak
LUBE-10 ML	10 ml Tube
LUBE-4OZ	4 oz. Bottle
LUBE-8OZ	8 oz. Bottle

### HOW CAN THIS BE PREVENTED?

Our U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, making the installation of mechanical seals fast and easy.

It provides a high degree of lubricity to all rubber components.

It maintains its wetness for a short period of time. But unlike PTFE or silicone based lubricants which penetrate the elastomer and never

allow the elastomer to grip the shaft or bore, U.S. SEALUBE evaporates.

Once the evaporation takes place, the component is dry to the touch. The lubricity is gone and will not return, even in the presence of moisture. Your seal is now locked in place.

Install mechanical seals like a Pro. Use only U.S. SEALUBE. ◆

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
FA-350V	2.375	E	—	VCF-F
FA-513V	1.875	E	—	VCF-F
FA-607	1.125	E	—	BCF-F
FA-608V	1.125	E	—	VCF-F
FA-1875	1.875	C	—	BCF-F
FA-1875V	1.875	C	—	VCF-F
FA-2098	2.375	E	—	BCF-F
FA-2120	2.125	C	—	BCF-F
FA-3502	2.125	E	—	BCF-F(316SS)
FA-4268	1.375	C Bal.	—	BCF-F
FA-4360	.500	B	—	BLF-F
FA-4408	.875	D Bal.	—	XCF-F
FA-10047	2.000	C	—	VCF-F
FA-10159	1.750	C	—	BRF-F
PS-100	.625	A	1	BMFJF
PS-100-EPR	.625	A	1	QCFJF
PS-100-SC-SC	.625	A	1	BLFLF
PS-100V	.625	A	3	VCFJF
PS-100V-CMS	.625	A	1	VCFJF
PS-100V-CMS-P66	.625	A	1	VCFJF
PS-100V-SC-SC-CMS	.625	A	1	VLFLF
PS-101	.750	A	1	BMFJF
PS-101V	.750	A	1	VCFJF
PS-102	.625	D	1	BCDKF
PS-102V	.625	D	3	VCDKF
PS-106	.500	C	1	BCFKF
PS-106-EPR	.500	C	1	QCFKF
PS-106V	.500	C	1	VCFKF
PS-108	1.250	E	1	NCPKP
PS-109	.625	D	—	BCD-F
PS-112	.750	C	1	BCFKF
PS-112-EPR	.750	C	1	QCFKF
PS-112V	.750	C	3	VCFKF
PS-112V-CMS	.750	C	1	VCFKF
PS-113	.625	B	1	BMFJF
PS-114	.312	A	1	BMDJF
PS-118	.625	C	1	BCFJF
PS-118V	.625	C	3	VCFJF
PS-118V-CMS	.625	C	1	VCFJF
PS-118V-CMS-P66	.625	C	1	VCFJF
PS-127	1.062	D	1	BCDKF
PS-128	.750	C	1	BCFJF
PS-128V	.750	C	3	VCFJF
PS-129	.590	D	1	BCDJF
PS-135	.787	D	1	BCDJF
PS-136	1.181	D	1	BCDJF
PS-136V	1.181	D	3	VCDJF
PS-137	1.250	E	1	BCFKF
PS-137V	1.250	E	3	VCFKF
PS-137V-CMS	1.250	E	1	VCFKF
PS-137V-P66	1.250	E	3	VCFKF
PS-141	1.000	R	—	BCF-F
PS-142	.500	B	1	BMFJF
PS-145	.750	K	—	BCF-F
PS-147	1.750	D	—	BCD-F
PS-150	.500	B	—	BMF-F
PS-151	.625	B	1	BMFJF
PS-153	.625	A	1	BMFKF
PS-153V	.625	A	3	VCFKF
PS-153V-CMS	.625	A	1	VCFKF
PS-154	1.250	C	—	BCF-F

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-154V	1.250	C	—	VCF-F
PS-157	.750	C	—	BCF-F
PS-159	1.000	D	3	NCPGP
PS-162	.500	A	1	BMFJF
PS-163	.500	B	1	BMFJF
PS-163V	.500	B	1	VCFJF
PS-164	.500	B	9	BMFKF
PS-165	.500	B	9	BMFJF
PS-166	.625	A	1	BMFJF
PS-169	1.250	K	—	BCF-F
PS-172	1.375	C	—	BCF-F
PS-172-EPR-P66	1.375	C	—	QCF-F
PS-172-P66	1.375	C	—	BCF-F
PS-172V	1.375	C	—	VCF-F
PS-172V-SC	1.375	C	—	VLF-F
PS-175	.750	K	1	BCFJF
PS-177	1.375	C	1	BCFJF
PS-177-EPR	1.375	C	1	QCFJF
PS-177-P66	1.375	C	1	BCFJF
PS-177-SC-TC-CMS	1.375	C	1	BLFZF
PS-177V	1.375	C	3	VCFJF
PS-177V-CMS	1.375	C	1	VCFJF
PS-177V-CMS-P66	1.375	C	1	VCFJF
PS-177V-P66	1.375	C	3	VCFJF
PS-177V-SC-SC	1.375	C	1	VLFLF
PS-177V-SC-SEAT	1.375	C	1	VCFJF
PS-178	1.375	R	1	BCDJF
PS-181	.625	C	20	NCPGP
PS-182	.750	C	20	NCPGP
PS-185	1.250	C	1	BCFJF
PS-185-EPR	1.250	C	1	QCFJF
PS-185-EPR-P66	1.250	C	1	QCFJF
PS-185-EPR-SC	1.250	C	3	QCFJF
PS-185-EPR-TC	1.250	C	3	QCFZF
PS-185E-SC-CMS	1.250	C	1	QCFJF
PS-185-P66	1.250	C	1	BCFJF
PS-185-SC-SC	1.250	C	1	BLFLF
PS-185-TC-SEAT	1.250	C	1	BCFZF
PS-185V	1.250	C	3	VCFJF
PS-185V-CMS	1.250	C	1	VCFJF
PS-185V-CMS-P66	1.250	C	1	VCFJF
PS-185V-P66	1.250	C	3	VCFJF
PS-185V-SC-SC	1.250	C	1	VLFLF
PS-185V-SC-SEAT	1.250	C	1	VCFJF
PS-185V-SC-TC	1.250	C	1	VLFZF
PS-185V-TC-SC	1.250	C	1	VZFLF
PS-185V-TC-SEAT	1.250	C	1	VCFZF
PS-185V-TC-TC	1.250	C	1	VZFZF
PS-186	1.375	D	1	BCDKF
PS-186V	1.375	D	3	VCDKF
PS-186V-CMS	1.375	D	1	VCFKF
PS-186V-TC-SEAT	1.375	D	3	VCFZF
PS-188	.875	E	1	BCFJF
PS-188V	.875	E	3	VCFJF
PS-192	1.500	C	3	NCFGF
PS-193	2.000	D	3	NCPGP
PS-196	2.000	D	—	BCD-F
PS-197	.875	K	—	BCF-F
PS-200	.625	A	1	BMFJF
PS-200-EPR	.625	A	1	QCFJF
PS-200-SC-SC	.625	A	1	BLFLF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-200V	.625	A	3	VCFJF
PS-200V-CMS	.625	A	1	VCFJF
PS-200V-CMS-P66	.625	A	1	VCFJF
PS-200V-SC-SC	.625	A	1	VLFLF
PS-200V-SC-SEAT	.625	A	3	VCFLF
PS-201	.750	A	1	BMFJF
PS-201V	.750	A	3	VCFJF
PS-201V-CMS	.750	A	1	VCFJF
PS-202	.625	B	11	BMFJF
PS-202V	.625	B	11	VCFJF
PS-204	1.125	E	1	BCFJF
PS-204-EPR	1.125	E	1	QCFJF
PS-204-P66	1.125	E	1	BCFJF
PS-204V	1.125	E	3	VCFJF
PS-204V-CMS-P66	1.125	E	1	VCFJF
PS-205	1.750	E	1	BCFJF
PS-205-P66	1.750	E	1	BCFJF
PS-205V	1.750	E	3	VCFJF
PS-205V-CMS	1.750	E	1	VCFJF
PS-205V-CMS-P66	1.750	E	1	VCFJF
PS-205V-P66	1.750	E	3	VCFJF
PS-205V-TC-SEAT	1.750	E	1	VCFZF
PS-205V-TC-TC-CMS	1.750	E	1	VZFFZ
PS-208	.875	C	—	BCF-F
PS-208V	.875	C	—	VCF-F
PS-208V-P66	.875	C	—	VCF-F
PS-209	1.375	K	—	BCF-F
PS-210	1.375	C	1	BCFKF
PS-210-EPR	1.375	C	3	QCFKF
PS-210-EPR-P66-SC	1.375	C	3	QCFLF
PS-210-TC-SEAT	1.375	C	1	BCFZF
PS-210V	1.375	C	3	VCFKF
PS-210V-CMS	1.375	C	1	VCFKF
PS-210V-P66	1.375	C	3	VCFKF
PS-210V-SC-SEAT	1.375	C	3	VCFLF
PS-210V-SC-TC	1.375	C	3	VLFFZ
PS-210V-TC-SC	1.375	C	3	VZFLF
PS-210V-TC-SEAT	1.375	C	1	VCFZF
PS-210V-TC-TC	1.375	C	1	VZFFZ
PS-213	1.750	R	—	BCD-F
PS-215	1.125	K	—	BCF-F
PS-216	1.500	K	—	BCF-F
PS-217	1.750	R	1	BCDKF
PS-218	.625	A	—	BCF-F
PS-223	1.875	D	—	BCD-F
PS-224	1.500	E	3	NCFKF
PS-226	.625	D	1	BCDKF
PS-227	1.000	D	1	BCFKF
PS-228	1.250	K	3	BCFKF
PS-228V	1.250	K	3	VCFKF
PS-228V-CMS	1.250	K	1	VCFKF
PS-228V-P66	1.250	K	3	VCFKF
PS-229	.875	E	3	BCFKF
PS-235	1.000	C	1	BCFJF
PS-235-EPR	1.000	C	1	QCFJF
PS-235-P66	1.000	C	1	BCFJF
PS-235-SC-SC	1.000	C	1	BLFLF
PS-235V	1.000	C	3	VCFJF
PS-235V-CMS	1.000	C	1	VCFJF
PS-235V-CMS-P66	1.000	C	1	VCFJF
PS-235V-P66	1.000	C	3	VCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-235V-SC-SC	1.000	C	1	VLFLF
PS-236	1.000	E	1	BCFKF
PS-236N	1.000	E	1	NCFKF
PS-236V	1.000	E	3	VCFKF
PS-236V-CMS	1.000	E	1	VCFKF
PS-237	1.750	D	1	BCDJF
PS-237-P66	1.750	D	1	BCDJF
PS-237-SC-SC	1.750	D	1	BLDLF
PS-237-TC-SEAT	1.750	D	1	BCDZF
PS-237-TC-TC	1.750	D	1	BZDZF
PS-237V	1.750	D	3	VCDJF
PS-237V-CMS	1.750	D	1	VCDJF
PS-237V-P66	1.750	D	3	VCDJF
PS-238	1.625	C	1	BCFJF
PS-238-EPR	1.625	C	1	QCFJF
PS-238-EPR-SC	1.625	C	1	QCFLF
PS-238-P66	1.625	C	1	BCFJF
PS-238-SC-SC	1.625	C	1	BLFLF
PS-238-SC-TC-CMS	1.625	C	1	BLFFZ
PS-238-TC-SC	1.625	C	1	BZFLF
PS-238V	1.625	C	3	VCFJF
PS-238V-CMS	1.625	C	1	VCFJF
PS-238V-CMS-316SS	1.625	C	1	VCFJF(316SS)
PS-238V-P66-TC	1.625	C	1	VCFZF
PS-238V-SC-CMS	1.625	C	1	VCFJF
PS-238V-SC-SEAT	1.625	C	3	VCFLF
PS-238V-TC-SC-CMS	1.625	C	1	VZFLF
PS-239	1.625	C	1	BCFKF
PS-239-EPR	1.625	C	3	QCFKF
PS-239-P66	1.625	C	1	BCFKF
PS-239V	1.625	C	3	VCFKF
PS-239V-CMS	1.625	C	1	VCFKF
PS-239V-TC-SEAT	1.625	C	3	VCFZF
PS-245	1.000	C	1	BCFJF
PS-245-EPR	1.000	C	1	QCFJF
PS-245-P66	1.000	C	1	BCFJF
PS-245-TC-SEAT	1.000	C	1	BCFZF
PS-245V	1.000	C	3	VCFJF
PS-245V-CMS	1.000	C	1	VCFJF
PS-246	1.250	C	1	BCFJF
PS-246V	1.250	C	3	VCFJF
PS-246V-CMS	1.250	C	1	VCFJF
PS-246V-CMS-P66	1.250	C	1	VCFJF
PS-247	1.500	C	1	BCFKF
PS-248	1.000	C	1	BCFKF
PS-248-EPR	1.000	C	1	QCFKF
PS-248V	1.000	C	3	VCFKF
PS-248V-CMS	1.000	C	1	VCFKF
PS-249	1.250	C	1	BCFKF
PS-249V	1.250	C	3	VCFKF
PS-249V-CMS	1.250	C	1	VCFKF
PS-250	.875	D	3	BCDKF
PS-251	1.000	E	3	BCFKF
PS-252	1.000	D	3	BCFKF
PS-252-EPR	1.000	D	3	QCFKF
PS-252-P66	1.000	D	3	BCFKF
PS-253	1.125	E	3	BCFKF
PS-254	1.125	D	3	BCFKF
PS-255	1.187	E	3	BCDKF
PS-256	1.250	E	3	BCFKF
PS-257	1.375	E	3	BCFKF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-257E-SC-SC-CMS	1.375	E	1	QLFLF
PS-257V	1.375	E	3	VCFKF
PS-258	1.500	E	3	BCFKF
PS-258-P66	1.500	E	3	BCFKF
PS-258V-P66	1.500	E	3	VCFKF
PS-259	1.500	E	3	BCFKF
PS-259-EPR-CMS-SC	1.500	E	1	QCFLF
PS-262	1.750	E	3	BCFKF
PS-262-EPR-P66	1.750	E	3	QCFKF
PS-263	.625	D	1	BCDKF
PS-263V	.625	D	1	VCFKF
PS-264	1.250	E	3	BCFKF
PS-264-P66	1.250	E	3	BCFKF
PS-264-TC-P66	1.250	E	3	B/VCFZF
PS-264V-SC-SC	1.250	E	3	VLFLF
PS-265	.750	D	3	BCDKF
PS-267	2.000	C	1	BCFJF
PS-267-EPR	2.000	C	1	QCJFJ
PS-267-P66	2.000	C	1	BCFJF
PS-267-SC-SC-CMS	2.000	C	1	BLFLF
PS-267-SC-TC-LC	2.000	C	3	BLFZF
PS-267-SC-TC-SEAT	2.000	C	3	BLFZF
PS-267-TC-SEAT	2.000	C	3	BCFZF
PS-267V	2.000	C	3	VCFJF
PS-267V-CMS	2.000	C	1	VCFJF
PS-267V-CMS-P66	2.000	C	1	VCFJF
PS-267V-SC-SC	2.000	C	3	VLFLF
PS-267V-SC-TC-CMS	2.000	C	1	VLFZF
PS-267V-TC-SEAT	2.000	C	3	VCFZF
PS-268	2.375	C	3	BCFJF
PS-268-CMS	2.375	C	1	BCFJF
PS-268-CMS-P66	2.375	C	1	BCFJF
PS-268-P66	2.375	C	3	BCFJF
PS-268V	2.375	C	3	VCFJF
PS-268V-P66	2.375	C	3	VCFJF
PS-269	2.500	C	3	BCFJF
PS-269V	2.500	C	3	VCFJF
PS-270	2.875	C	3	BCFJF
PS-272	3.750	C	3	BCFJF
PS-274	.625	E	1	BCDJF
PS-274V	.625	E	3	VCDJF
PS-275	.750	C	1	BCFJF
PS-275-EPR	.750	C	1	QCJFJ
PS-275V	.750	C	3	VCFJF
PS-276	1.000	T	1	BCFJF
PS-277	1.000	T	1	BCFKF
PS-278	2.375	E	3	BCFJF
PS-278-P66	2.375	E	3	BCFJF
PS-278V	2.375	E	3	VCFJF
PS-279	2.500	E	3	BCFJF
PS-279-CMS-P66	2.500	E	1	BCFJF
PS-279V-SC-TC	2.500	E	3	VLFZF
PS-281	1.625	R	3	BCDKF
PS-281-CMS	1.625	R	1	BCDKF
PS-282	1.125	U	3	BCFKF
PS-283	1.500	D	1	BCFJF
PS-284	3.000	R	3	BCDKF
PS-288	1.750	D	1	BCDKF
PS-288V	1.750	D	3	VCDKF
PS-288V-CMS	1.750	D	1	VCDKF
PS-290	.625	C	1	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-290-EPR-SC-SC	.625	C	1	QLFLF
PS-290-P66	.625	C	1	BCFJF
PS-290V	.625	C	1	VCFJF
PS-290V-P66	.625	C	1	VCFJF
PS-293	.625	A	14	BMFKF
PS-293V	.625	A	14	VCFKF
PS-294	.875	C	1	BCFKF
PS-297	1.187	D	1	NCPJP
PS-298	.500	A	—	BMF-F
PS-299	.625	A	—	BMF-F
PS-300	.625	A	1	BMFJF
PS-300V	.625	A	3	VCFJF
PS-301	.750	A	1	BMFJF
PS-303	.875	D	1	BCDKF
PS-303V	.875	D	3	VCDKF
PS-303V-CMS	.875	D	1	VCDKF
PS-305	1.500	E	1	BCFJF
PS-305-EPR	1.500	E	1	QCJFJ
PS-305-EPR-P66	1.500	E	1	QCJFJ
PS-305-P66	1.500	E	1	BCFJF
PS-305-SC-SC	1.500	E	1	BLFLF
PS-305V	1.500	E	3	VCFJF
PS-305V-CMS	1.500	E	1	VCFJF
PS-305V-CMS-P66	1.500	E	1	VCFJF
PS-305V-P66	1.500	E	3	VCFJF
PS-305V-TC-SEAT	1.500	E	1	VCFZF
PS-306	1.187	E	1	BCDJF
PS-306V	1.187	E	3	VCFJF
PS-308	1.250	T	3	NCPKP
PS-309	.875	C	1	BCFJF
PS-309-SC-SC-CMS	.875	C	1	BLFLF
PS-309-TC-TC-CMS	.875	C	1	BZFZF
PS-309V	.875	C	3	VCFJF
PS-309V-CMS	.875	C	1	VCFJF
PS-309V-P66	.875	C	3	VCFJF
PS-309V-P66-CMS	.875	C	1	VCFJF
PS-309V-SC-SC	.875	C	3	VLFLF
PS-309V-TC-CMS	.875	C	1	VCFZF
PS-310	1.187	E	1	BCDJF
PS-312	1.875	C	3	BCFKF
PS-312-EPR-P66	1.875	C	3	QCFKF
PS-312V	1.875	C	3	VCFKF
PS-314	1.500	E	3	BCFJF
PS-316	1.500	E	3	BCFKF
PS-317	1.750	E	1	BCFJF
PS-318	1.875	K	1	BCFJF
PS-319	2.000	E	1	BCFJF
PS-319-P66	2.000	E	1	BCFJF
PS-320	1.500	C	1	BCFJF
PS-321	2.750	E	3	V/BCFKF
PS-321-P66-TCO	2.750	E	3	BCFZF
PS-321V	2.750	E	3	VCFKF
PS-322	2.750	K	3	BCFKF
PS-323	2.250	E	1	BCDJF
PS-323-P66	2.250	E	1	BCDJF
PS-323-SC-TC-CMS	2.250	E	1	BLFZF
PS-324	3.000	E	3	BCDJF
PS-324-P66-CMS	3.000	E	1	BCDJF
PS-324SS	3.000	E	3	BCFJF
PS-324SSV	3.000	E	3	VCFJF
PS-325SS	3.250	U	3	BCFKF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-325SSV	3.250	U	3	VCFKF
PS-326	1.250	D	3	BCFKF
PS-326V	1.250	D	3	VCFKF
PS-327	2.125	E	3	BCFJF
PS-327V	2.125	E	3	VCFJF
PS-328	2.625	E	3	BCFJF
PS-328-P66	2.625	E	3	BCFJF
PS-329	2.875	E	3	BCFJF
PS-329-P66	2.875	E	3	BCFJF
PS-330	3.250	E	3	BCDJF
PS-331	1.625	D	3	NCPGF
PS-332	2.000	C	3	BCFKF
PS-333	2.000	D	3	NCPGP
PS-335V	2.500	D	3	VCPGP
PS-338	2.125	C	3	BCFJF
PS-338-EPR	2.125	C	3	QCFJF
PS-338V	2.125	C	3	VCFJF
PS-338V-SC-SC	2.125	C	3	VLFLF
PS-340	1.875	C	1	BCFJF
PS-340-EPR-CMS	1.875	C	1	QCFJF
PS-340-EPR-TC-CMS	1.875	C	1	QCFZF
PS-340-P66	1.875	C	1	BCFJF
PS-340-TC-SC	1.875	C	1	BZFLF
PS-340-TC-TC	1.875	C	1	BZFFZ
PS-340V	1.875	C	3	VCFJF
PS-340V-CMS	1.875	C	1	VCFJF
PS-342	2.000	E	3	NCPKP
PS-343	1.187	E	1	BCDKF
PS-346	1.625	E	1	BCFJF
PS-347	1.500	C	1	BCFJF
PS-347-P66	1.500	C	1	BCFJF
PS-347V-CMS	1.500	C	1	VCFJF
PS-348	1.125	C	—	BCF-F
PS-348V	1.125	C	—	VCF-F
PS-349	2.500	E	3	BCFKF
PS-349-P66	2.500	E	3	BCFKF
PS-349-TC-SEAT	2.500	E	3	BCFZF
PS-349V	2.500	E	3	VCFKF
PS-349V-SC-SEAT	2.500	E	3	VCFLF
PS-349V-TC-SC	2.500	E	3	VZFLF
PS-350	2.375	E	3	BCFKF
PS-350-CMS	2.375	E	1	BCFKF
PS-350V-P66-TC	2.375	E	3	VCFZF
PS-351	2.250	E	1	BCDKF
PS-351V	2.250	E	3	VCDKF
PS-351V-CMS	2.250	E	1	VCDKF
PS-353	2.125	E	1	BCFKF
PS-353V	2.125	E	3	VCFKF
PS-354	1.375	E	1	BCFJF
PS-354-P66	1.375	E	1	BCFJF
PS-354V	1.375	E	3	VCFJF
PS-354V-P66	1.375	E	3	VCFJF
PS-355	1.125	C	1	BCFKF
PS-355-P66	1.125	C	1	BCFKF
PS-355-SC-SC	1.125	C	1	BLFLF
PS-355V	1.125	C	3	VCFKF
PS-355V-CMS	1.125	C	1	VCFKF
PS-355V-SC-SEAT	1.125	C	3	VCFLF
PS-356	1.125	C	1	BCFJF
PS-356-EPR	1.125	C	1	QCFJF
PS-356-EPR-P66	1.125	C	1	QCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-356-P66	1.125	C	1	BCFJF
PS-356-SC-TC	1.125	C	1	BLFZF
PS-356V	1.125	C	3	VCFJF
PS-356V-CMS	1.125	C	1	VCFJF
PS-356V-CMS-P66	1.125	C	1	VCFJF
PS-356V-SC-SC	1.125	C	1	VLFLF
PS-357	1.000	C	1	BCFKF
PS-357V	1.000	C	3	VCFKF
PS-357V-CMS	1.000	C	1	VCFKF
PS-358	.750	C	1	BCFJF
PS-358-EPR	.750	C	1	QCFJF
PS-358-P66	.750	C	1	BCFJF
PS-358V	.750	C	3	VCFJF
PS-358V-CMS	.750	C	1	VCFJF
PS-358V-CMS-P66	.750	C	1	VCFJF
PS-358V-P66	.750	C	3	VCFJF
PS-358V-SC-SC	.750	C	1	VLFLF
PS-358V-TC-TC	.750	C	1	VZFFZ
PS-359	.625	C	1	BCFJF
PS-359-EPR-CMS	.625	C	1	QCFJF
PS-359-EPR-P66	.625	C	1	QCFJF
PS-359-EPR-P66-TC	.625	C	1	QCFZF
PS-359-P66	.625	C	1	BCFJF
PS-359V	.625	C	3	VCFJF
PS-359V-CMS	.625	C	1	VCFJF
PS-359V-CMS-P66	.625	C	1	VCFJF
PS-359V-P66	.625	C	3	VCFJF
PS-359V-SC-CMS	.625	C	1	VCFLF
PS-360	1.000	A	1	BCFJF
PS-360V	1.000	A	3	VCFJF
PS-360V-CMS	1.000	A	1	VCFJF
PS-361	1.250	E	1	BCFJF
PS-361-EPR	1.250	E	1	QCFJF
PS-361-EPR-P66	1.250	E	1	QCFJF
PS-361-P66	1.250	E	1	BCFJF
PS-361-SC-SC	1.250	E	1	BLFLF
PS-361-SC-TC	1.250	E	1	BLFZF
PS-361V	1.250	E	3	VCFJF
PS-361V-CMS	1.250	E	1	VCFJF
PS-361V-CMS-P66	1.250	E	1	VCFJF
PS-361V-P66	1.250	E	3	VCFJF
PS-361V-SC-TC-CMS	1.250	E	1	VLFFZ
PS-366	1.750	E	1	BCFKF
PS-366-P66	1.750	E	1	BCFKF
PS-366-TC-CMS	1.750	E	1	BCFZF
PS-366-TC-TC	1.750	E	1	BZFFZ
PS-366V	1.750	E	3	VCFKF
PS-366V-CMS	1.750	E	1	VCFKF
PS-366V-CMS-P66	1.750	E	1	VCFKF
PS-370	1.000	A	1	BCFKF
PS-371	1.500	D	1	BCFKF
PS-371V	1.500	D	3	VCFKF
PS-371V-CMS	1.500	D	1	VCFKF
PS-371V-SC-SC	1.500	D	3	VLFLF
PS-373	.750	C	1	BCFKF
PS-373V	.750	C	1	VCFKF
PS-374	1.500	E	1	BCFKF
PS-374-P66	1.500	E	1	BCFKF
PS-374V	1.500	E	3	VCFKF
PS-374V-CMS	1.500	E	1	VCFKF
PS-376	1.375	D	—	BCD-F

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-376-EPR-P66	1.375	D	—	QCD-F
PS-376V	1.375	D	—	VCD-F
PS-378	1.500	C	1	BCFKF
PS-378V-CMS	1.500	C	1	VCFKF
PS-380	1.000	D	1	BCFJF
PS-380V	1.000	D	3	VCFJF
PS-380V-CMS	1.000	D	1	VCFJF
PS-381	1.250	D	1	BCFJF
PS-381-EPR	1.250	D	1	QCFJF
PS-381-NEO	1.250	D	1	NCFJF
PS-381-P66	1.250	D	1	BCFJF
PS-381-SC-SC	1.250	D	1	BLFLF
PS-381V	1.250	D	3	VCFJF
PS-381V-CMS	1.250	D	1	VCFJF
PS-382	1.500	D	1	BCFJF
PS-382-P66	1.500	D	1	BCFJF
PS-383	1.250	D	1	BCFKF
PS-383V	1.250	D	3	VCFKF
PS-384	1.125	E	1	BCFKF
PS-385A	2.000	U	3	BCFKF
PS-387	1.750	C	3	BCFJF
PS-392	.500	C	1	B/QMFJF
PS-392-P66	.500	C	1	B/QCFJF
PS-392V	.500	C	1	V/QCFJF
PS-392V-P66	.500	C	1	V/QCFJF
PS-393	.500	C	1	BMFKF
PS-394	1.250	U	3	BCF/DKF
PS-395	1.500	E	3	BCFJF
PS-395-EPR	1.500	E	3	QCFJF
PS-397	1.000	C	—	BCF-F
PS-397V	1.000	C	—	VCF-F
PS-398	1.000	D	—	BCF-F
PS-399	.750	D	—	BCD-F
PS-400	.500	C	—	BMF-F
PS-400A	.500	C	1	B - - J -
PS-400V	.500	C	—	VCF-F
PS-401	.500	C	—	BCF-F
PS-401A	.500	C	1	BCFJF
PS-401-P66	.500	C	—	BCF-F
PS-404	1.375	D	25	BCDJF
PS-405	1.000	A	27	B/VCFJF
PS-411	.625	B	11	BMFJF
PS-411V	.625	B	11	VCFJF
PS-413	1.000	C	27	BCFJF
PS-416	1.250	D	—	BCF-F
PS-416A	1.250	D	25	BCFJF
PS-428	.875	R	1	BCDJF
PS-429	1.000	R	1	BCFJF
PS-430	1.000	R	1	BCFKF
PS-431	1.500	R	1	BCFJF
PS-432	1.500	R	1	BCFKF
PS-436	1.750	C	3	BCFKF
PS-436-EPR	1.750	C	3	QCFKF
PS-436-P66	1.750	C	3	BCFKF
PS-436-SC-SC	1.750	C	3	BLFLF
PS-436-SC-SEAT	1.750	C	3	BCFLF
PS-436-TC-TC	1.750	C	3	BZFZF
PS-436-TC-VS-SC	1.750	C	3	BZFLF
PS-436V	1.750	C	3	VCFKF
PS-436V-P66	1.750	C	3	VCFKF
PS-436V-TC-TC	1.750	C	3	VZFZF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-437	.750	D	1	BCDJF
PS-437-P66	.750	D	1	BCDJF
PS-437V	.750	D	1	VCDJF
PS-437V-P66	.750	D	1	VCDJF
PS-437V-SC-SC	.750	D	1	VLDLF
PS-440	.750	B	11	BMFJF
PS-441	.750	B	9	BMFKF
PS-445	2.000	D	1	BCDJF
PS-445V	2.000	D	3	VCDJF
PS-445V-CMS	2.000	D	1	VCDJF
PS-446	1.750	C	1	BCFJF
PS-446-316SS	1.750	C	1	BCFJF(316SS)
PS-446-EPR	1.750	C	1	QCFJF
PS-446-EPR-P66	1.750	C	1	QCFJF
PS-446-P66	1.750	C	1	BCFJF
PS-446-SC-SC	1.750	C	1	BLFLF
PS-446-SC-SEAT	1.750	C	1	BCFLF
PS-446-SC-TC-CMS	1.750	C	1	BLFZF
PS-446-TC-TC	1.750	C	1	BZFZF
PS-446V	1.750	C	3	VCFJF
PS-446V-CMS	1.750	C	1	VCFJF
PS-446V-CMS-P66	1.750	C	1	VCFJF
PS-446V-P66	1.750	C	3	VCFJF
PS-446V-SC-SEAT	1.750	C	3	VCFJF
PS-446V-SC-TC	1.750	C	3	VLFZF
PS-446V-TC-SEAT	1.750	C	1	VCFZF
PS-446V-TC-TC	1.750	C	1	VZFZF
PS-447	.625	B	8	BCFJF
PS-447-EPR	.625	B	8	QCFJF
PS-447V	.625	B	8	VCFJF
PS-447V-P66	.625	B	8	VCFJF
PS-448	1.750	C	1	BCFKF
PS-448-EPR	1.750	C	1	QCFKF
PS-448-P66	1.750	C	1	BCFKF
PS-448V-CMS	1.750	C	1	VCFKF
PS-448V-CMS-P66	1.750	C	1	VCFKF
PS-448V-SC-SC	1.750	C	1	VLFJF
PS-448V-SC-TC	1.750	C	1	VLFZF
PS-448V-TC-P66	1.750	C	1	VCFZF
PS-449	1.750	K	1	BCFJF
PS-452	.625	B	9	BMFJF
PS-453	.625	B	8	BCFKF
PS-453V	.625	B	8	VCFKF
PS-456	2.000	U	3	BCFKF
PS-456-CMS	2.000	U	1	BCFKF
PS-456-EPR	2.000	U	3	QCFKF
PS-456V	2.000	U	3	VCFKF
PS-456V-SC-SC	2.000	U	3	VLFJF
PS-456V-TC-SEAT	2.000	U	3	VCFZF
PS-458	1.625	U	3	BCDKF
PS-458-CMS	1.625	U	1	BCDKF
PS-460	1.000	D	1	BCFKF
PS-460-P66	1.000	D	1	BCFKF
PS-460V	1.000	D	3	VCFKF
PS-460V-CMS	1.000	D	1	VCFKF
PS-461	1.625	D	1	BCDKF
PS-461V	1.625	D	3	VCDKF
PS-461V-CMS	1.625	D	1	VCDKF
PS-462	2.000	D	1	BCDKF
PS-462V	2.000	D	3	VCDKF
PS-463	2.500	D	3	BCDKF



## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-463-TC-SC	2.500	D	3	BZFLF
PS-463V	2.500	D	3	VCDKF
PS-464	2.750	D	3	BCFKF
PS-465	3.000	D	3	BCDKF
PS-465V	3.000	D	3	VCDKF
PS-466	1.250	C	1	BCFJF
PS-466-P66	1.250	C	1	BCFJF
PS-466-SC-SC	1.250	C	1	BLFLF
PS-466V	1.250	C	1	VCFJF
PS-466V-P66	1.250	C	1	VCFJF
PS-466V-SC-SEAT	1.250	C	1	VCFLF
PS-467	1.375	C	1	BCFKF
PS-468	2.500	D	3	BCDJF
PS-469	2.500	D	3	BCDKF
PS-475	3.000	E	3	BCDKF
PS-477	2.000	E	3	BCFKF
PS-477-EPR	2.000	E	3	QCCKF
PS-477-EPR-SC	2.000	E	3	QCFLF
PS-477-P66	2.000	E	3	BCFKF
PS-477-TC-SC	2.000	E	3	BZFLF
PS-477-TC-SEAT	2.000	E	3	BCFZF
PS-477-TC-TC	2.000	E	3	BZFFZ
PS-477V	2.000	E	3	VCFKF
PS-477V-TC-SEAT	2.000	E	3	VCFZF
PS-477V-TC-TC	2.000	E	3	VZFFZ
PS-478	2.000	E	1	BCFKF
PS-479	2.000	E	1	BCFJF
PS-479-SC-TC	2.000	E	1	BLFFZ
PS-479V	2.000	E	3	VCFJF
PS-479V-CMS-P66	2.000	E	1	VCFJF
PS-479V-TC-CMS	2.000	E	1	VCFZF
PS-483	2.750	C	3	BCFKF
PS-483-EPR-P66	2.750	C	3	QCCKF
PS-483V-TC-SEAT	2.750	C	3	VCFZF
PS-484	1.625	E	1	BCDKF
PS-485	.625	E	1	BCDJF
PS-486	.625	E	1	BCDKF
PS-487	.625	E	1	BCDKF
PS-491	1.375	D	1	BCDJF
PS-491-P66	1.375	D	1	BCDJF
PS-491V	1.375	D	3	VCDJF
PS-491V-CMS	1.375	D	1	VCDJF
PS-491V-CMS-P66	1.375	D	1	VCDJF
PS-492	2.375	C	3	BCFKF
PS-492-CMS	2.375	C	1	BCFKF
PS-492-CMS-P66	2.375	C	1	BCFKF
PS-492-P66	2.375	C	3	BCFKF
PS-492V-CMS	2.375	C	1	VCFKF
PS-492V-TC-SEAT	2.375	C	3	VCFZF
PS-493	.625	C	1	BCFKF
PS-493V	.625	C	1	VCFKF
PS-495	1.375	K	1	BCFJF
PS-495-EPR	1.375	K	1	QCFFJ
PS-498	1.062	E	1	BCFKF
PS-499	1.000	C	3	BCFKF
PS-499-EPR	1.000	C	3	QCCKF
PS-501	.625	A	1	BMFJF
PS-501V	.625	A	3	VCFJF
PS-501V-CMS	.625	A	1	VCFJF
PS-506	.500	A	1	BMFKF
PS-507	.625	A	1	BMFKF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-507V	.625	A	3	VCFKF
PS-507V-CMS	.625	A	1	VCFKF
PS-507V-P66	.625	A	3	VCFKF
PS-508	.625	D	1	BCDJF
PS-508V	.625	D	3	VCDJF
PS-508V-CMS	.625	D	1	VCDJF
PS-508V-P66-CMS	.625	D	1	VCDJF
PS-510	1.250	D	1	BCFJF
PS-513	1.875	E	1	BCDKF
PS-514	1.625	D	1	BCDJF
PS-514-EPR	1.625	D	1	QCDJF
PS-514-EPR-P66	1.625	D	1	QCDJF
PS-514-EPR-P66-TC	1.625	D	1	QCDZF
PS-514-EPR-TC	1.625	D	1	QCDZF
PS-514-P66	1.625	D	1	BCDJF
PS-514-SC-SC	1.625	D	1	BLDLF
PS-514V	1.625	D	3	VCDJF
PS-514V-CMS	1.625	D	1	VCDJF
PS-514V-P66	1.625	D	3	VCDJF
PS-514V-P66-CMS	1.625	D	1	VCDJF
PS-514V-P66-SC-CMS	1.625	D	1	VCDLF
PS-514V-SC-SC	1.625	D	3	VLDLF
PS-514V-SC-SC-CMS	1.625	D	1	VLDLF
PS-515	1.500	E	3	BCFJF
PS-515V	1.500	E	3	VCFJF
PS-516	.625	A	1	BCFJF
PS-517	1.250	D	3	BCFKF
PS-517-TC-SEAT	1.250	D	3	BCFZF
PS-518	.625	A	1	BCFKF
PS-518-SC-SC	.625	A	1	BLFLF
PS-519	1.750	U	3	BCFJF
PS-519-P66	1.750	U	3	BCFJF
PS-521	1.125	D	1	BCFKF
PS-522	.625	B	1	BCFKF
PS-524	.625	A	1	BCFKF
PS-524-EPR	.625	A	1	QCCKF
PS-525	1.250	C	3	BCFKF
PS-528	.625	A	1	BMFJF
PS-528V	.625	A	1	VCFJF
PS-529	1.125	C	3	BCFKF
PS-529-EPR	1.125	C	3	QCCKF
PS-529-EPR-P66	1.125	C	3	QCCKF
PS-529V-SC-P66	1.125	C	3	VCFLF
PS-530	2.000	E	3	BCFJF
PS-531	.625	D	1	BCDJF
PS-532	2.000	C	3	BCFJF
PS-534	1.500	D	3	BCFKF
PS-535	1.750	E	3	BCFJF
PS-535-EPR	1.750	E	3	QCFFJ
PS-535-P66-TC	1.750	E	3	BCFZF
PS-536	.625	C	3	BCFJF
PS-537	2.125	E	1	BCFJF
PS-539	1.000	C	1	BCFJF
PS-541	1.500	K	1	BCFJF
PS-541V-CMS	1.500	K	1	VCFJF
PS-542	2.625	E	3	BCFKF
PS-543	2.125	C	1	BCFKF
PS-543V	2.125	C	3	VCFKF
PS-544	1.625	C	3	BCFKF
PS-544V-SC-SC	1.625	C	3	VLFLF
PS-546	1.250	E	3	BCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-547	1.375	C	3	BCFKF
PS-547-P66	1.375	C	3	BCFKF
PS-547-SC-SC	1.375	C	3	BLFLF
PS-548	1.000	C	3	BCFJF
PS-550	1.750	C	3	BCFJF
PS-552	.625	C	3	BCFJF
PS-552-EPR	.625	C	3	QCFJF
PS-552-EPR-P66	.625	C	3	QCFJF
PS-552-SC-SC	.625	C	1	BLFLF
PS-553	1.500	C	3	BCFKF
PS-553-SC-SC	1.500	C	3	BLFLF
PS-555	1.750	U	1	BCF/DKF
PS-555SS	1.750	U	1	BCFKF
PS-556	2.125	U	1	BCFKF
PS-557	1.000	E	3	BCFJF
PS-560SS	.937	U	2	BCFKF
PS-560V	.937	U	3	VCFKF
PS-561SS	1.375	U	1	BCFKF
PS-561V	1.375	U	3	VCFKF
PS-564	.750	C	—	BCF-F
PS-578	.875	D	—	BCD-F
PS-586-SC-SC	1.875	E	3	BLFLF
PS-586-SC-SEAT	1.875	E	3	BCFLF
PS-586V-SC-TC	1.875	E	3	VLZZF
PS-588	1.125	C	3	BCFKF
PS-593	1.875	D	3	BCDKF
PS-594	2.375	D	3	BCDKF
PS-594-P66	2.375	D	3	BCDKF
PS-595	1.625	E	3	BCDJF
PS-598	1.250	C	3	BCFKF
PS-598-EPR	1.250	C	3	QCFKF
PS-598-SC-SC	1.250	C	3	BLFLF
PS-598-SC-SEAT	1.250	C	3	BCFLF
PS-598-TC-SEAT	1.250	C	3	BCFZF
PS-600	.625	B	1	BMFJF
PS-600V	.625	B	3	VCFJF
PS-600V-CMS	.625	B	1	VCFJF
PS-601	.750	B	1	BMFJF
PS-601V	.750	B	3	VCFJF
PS-601V-CMS	.750	B	1	VCFJF
PS-602	.875	D	1	BCDJF
PS-603	.875	D	1	BCDKF
PS-604	1.125	D	1	BCFJF
PS-604-EPR	1.125	D	1	QCFJF
PS-604V-CMS	1.125	D	1	VCFJF
PS-605	1.125	D	1	BCFKF
PS-605V	1.125	D	3	VCFKF
PS-606	.750	B	1	BMFKF
PS-607	1.125	E	1	BCFJF
PS-607V	1.125	E	1	VCFJF
PS-608	1.125	E	1	BCFKF
PS-609	1.625	E	1	BCDJF
PS-609V	1.625	E	1	VCDJF
PS-610	1.625	E	1	BCFKF
PS-610V	1.625	E	1	VCFKF
PS-611	2.125	E	3	BCFJF
PS-611-P66	2.125	E	3	BCFJF
PS-614	.787	D	1	BCDKF
PS-614V	.787	D	3	VCFKF
PS-616	.625	B	1	BMFKF
PS-617	.875	C	3	BCFKF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-618	1.250	C	3	BCFJF
PS-618-EPR-P66	1.250	C	3	QCFJF
PS-618-TC-TC	1.250	C	3	BZFZF
PS-618V-TC-SEAT	1.250	C	3	VCFZF
PS-619	1.125	E	3	BCFJF
PS-619V	1.125	E	3	VCFJF
PS-620	1.500	E	3	BCFJF
PS-620V	1.500	E	3	VCFJF
PS-626	.625	C	1	VCFJF
PS-627	1.125	C	1	BCFJF
PS-628	.625	A	3	BMFKF
PS-629	1.500	E	3	BCFKF
PS-631	.500	C	1	BCFJF
PS-632	.500	C	1	BCFKF
PS-633	.625	C	1	BCFKF
PS-633-EPR-CMS	.625	C	1	QCFKF
PS-633-TC-TC	.625	C	1	BZFZF
PS-633V	.625	C	3	VCFKF
PS-633V-CMS	.625	C	1	VCFKF
PS-633V-P66	.625	C	3	VCFKF
PS-633V-TC-SC	.625	C	3	VZFLF
PS-633V-TC-SEAT	.625	C	3	VCFZF
PS-637	.625	A	3	BMFJF
PS-642	.625	B	—	BMF-F
PS-647	.750	B	—	BMF-F
PS-658	2.000	R	1	BCDKF
PS-659	1.500	C	1	BCFKF
PS-659-TC	1.500	C	1	BCFZF
PS-659V	1.500	C	3	VCFKF
PS-659V-CMS	1.500	C	1	VCFKF
PS-659V-CMS-P66	1.500	C	1	VCFKF
PS-659V-P66	1.500	C	3	VCFKF
PS-659V-TC-VS-TC	1.500	C	1	VZFZF
PS-663	.500	Q	1	BMFJF
PS-664	1.562	E	3	BCDJF
PS-671	.375	B	1	BMFJF
PS-671V-CMS	.375	B	1	VCFJF
PS-674	1.750	T	1	BCFJF
PS-675	1.750	T	1	BCFKF
PS-677	1.375	E	1	BCFKF
PS-677-TC-TC-CMS	1.375	E	1	BZFZF
PS-677V	1.375	E	3	VCFKF
PS-678	.625	K	—	BCF-F
PS-680	.625	A	1	BCFJF
PS-681	1.250	U	1	BCD/FJF
PS-682	1.500	C	1	BCFJF
PS-683	.750	C	1	BCFJF
PS-685	.875	R	1	BCDKF
PS-687	.875	C	1	BCFKF
PS-687V	.875	C	3	VCFKF
PS-687V-CMS	.875	C	1	VCFKF
PS-700	.625	B	1	BMFJF
PS-701	.625	A	1	BMFKF
PS-701V	.625	A	1	VCFKF
PS-702	.625	A	1	BMFJF
PS-702-EPR	.625	A	1	QCFJF
PS-702V	.625	A	1	VCFJF
PS-703	.875	D	1	BCDJF
PS-703-P66	.875	D	1	BCDJF
PS-703V	.875	D	3	VCFJF
PS-703V-CMS	.875	D	1	VCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-705	1.437	E	3	BCFJF
PS-707	2.062	E	3	BCDKF
PS-710	1.062	E	1	BCFJF
PS-711	.625	A	3	BMFJF
PS-712	.625	B	3	BMFKF
PS-715	.625	B	3	BMFJF
PS-717	.625	B	3	BMFJF
PS-719	1.771	E	1	BCFKF
PS-722	1.771	E	1	BCFJF
PS-723	1.187	T	1	BCDJF
PS-723V-CMS	1.187	T	1	VCDJF
PS-724	1.187	T	1	BCDKF
PS-725	1.375	T	1	BCFJF
PS-725V	1.375	T	1	VCFJF
PS-726	1.375	T	1	BCFKF
PS-727	1.771	T	1	BCFJF
PS-728	1.771	T	1	BCFKF
PS-732	.625	C	3	BCFKF
PS-732-EPR	.625	C	3	QCCKF
PS-732-EPR-P66	.625	C	3	QCCKF
PS-734	.625	D	3	BCDKF
PS-735	.625	D	3	BCDJF
PS-737	.625	D	3	BCDJF
PS-738	.625	E	3	BCDV/KF
PS-739	.625	E	3	BCDJF
PS-740	.625	E	1	BCDJF
PS-742	1.875	T	1	BCFJF
PS-743	1.875	T	1	BCFKF
PS-744	1.625	E	1	BCDKF
PS-744V	1.625	E	3	VCDKF
PS-745	1.625	E	1	BCDJF
PS-745-P66	1.625	E	1	BCDJF
PS-745V	1.625	E	3	VCDJF
PS-745V-CMS	1.625	E	1	VCDJF
PS-748	.625	E	3	BCDJF
PS-749	.500	Q	1	BMFJF
PS-750	.750	D	1	BCDJF
PS-750-EPR	.750	D	1	QCCKF
PS-750-P66	.750	D	1	BCDJF
PS-750V	.750	D	3	VCDJF
PS-750V-CMS	.750	D	1	VCDJF
PS-750V-CMS-P66	.750	D	1	VCDJF
PS-752	.750	D	1	BCDKF
PS-752V	.750	D	3	VCDKF
PS-754	1.000	E	1	BCFJF
PS-754V	1.000	E	3	VCFJF
PS-754V-CMS	1.000	E	1	VCFJF
PS-756	1.250	C	1	BCFKF
PS-756-EPR	1.250	C	1	QCCKF
PS-756-P66	1.250	C	1	BCFKF
PS-756V	1.250	C	3	VCFKF
PS-756V-CMS	1.250	C	1	VCFKF
PS-756V-CMS-P66	1.250	C	1	VCFKF
PS-756V-P66	1.250	C	3	VCFKF
PS-756V-SC-SEAT	1.250	C	3	VCFLF
PS-756V-SC-TC	1.250	C	3	VLZFZ
PS-758	1.500	C	1	BCFJF
PS-758-EPR	1.500	C	3	QCCKF
PS-758-EPR-CMS	1.500	C	1	QCCKF
PS-758-EPR-SC-SEAT	1.500	C	1	QCFLF
PS-758-P66	1.500	C	1	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-758-SC-SC	1.500	C	1	BLFLF
PS-758-SC-SEAT	1.500	C	1	BCFLF
PS-758-SC-TC-CMS	1.500	C	1	BLFZF
PS-758V	1.500	C	3	VCFJF
PS-758V-CMS	1.500	C	1	VCFJF
PS-758V-P66-CMS	1.500	C	1	VCFJF
PS-758V-SC-SC	1.500	C	1	VLFLF
PS-758V-SC-SEAT	1.500	C	1	VCFLF
PS-760	.750	A	3	BMFJF
PS-761	3.000	D	3	BCDJF
PS-762	.750	A	3	BMFKF
PS-764	.750	A	1	BCFJF
PS-765	.750	B	3	BMFJF
PS-766	.750	B	3	BMDKF
PS-767	.750	C	3	BCFJF
PS-768	.750	C	3	BCFKF
PS-771	.750	C	3	BCFJF
PS-773	.750	C	3	BCFKF
PS-774	.875	C	3	BCFJF
PS-775	.875	D	3	BCDJF
PS-776	.875	E	3	BCFJF
PS-777	1.000	A	3	BCFJF
PS-778	1.000	A	3	BCFKF
PS-779	1.000	C	1	BCFKF
PS-779V-CMS	1.000	C	1	VCFKF
PS-788	.500	B	1	BMFKF
PS-790	.875	D	1	BCDJF
PS-791	1.000	E	3	BCFKF
PS-791-EPR-TC-SEAT	1.000	E	3	QCCKF
PS-791V-TC-SEAT	1.000	E	3	VCFZF
PS-792	.750	S	8	NAPSP
PS-793	1.000	S	Special	NAPSP
PS-794	1.250	S	8	NAPSP
PS-795	.625	S	8	NAPSP
PS-797	1.062	D	3	BCFJF
PS-798	1.062	E	3	BCFJF
PS-799	1.062	E	3	BCFKF
PS-800	.625	C	1	BMFJF
PS-800V	.625	C	1	V/BMFJF
PS-801	1.125	C	3	BCFJF
PS-802	1.125	D	3	BCFJF
PS-804	1.250	D	3	BCFJF
PS-805	1.375	C	3	BCFJF
PS-805-P66	1.375	C	3	BCFJF
PS-806	1.375	D	3	BCDJF
PS-807	1.375	D	3	BCDKF
PS-810	.625	C	1	N/BCFJF
PS-810V-CMS	.625	C	1	VCFJF
PS-816	1.500	C	3	BCFJF
PS-817	1.500	D	3	BCFJF
PS-818	1.625	C	3	BCFJF
PS-818-P66	1.625	C	3	BCFJF
PS-819	1.625	D	3	BCDKF
PS-821	1.625	D	3	BCDJF
PS-822	1.625	E	3	BCDKF
PS-822-P66	1.625	E	3	BCDKF
PS-825	1.750	D	3	BCDKF
PS-826	1.750	D	3	BCDJF
PS-828	1.875	D	1	BCDJF
PS-832	2.000	D	3	BCDKF
PS-833	2.000	D	3	BCDJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-834	2.375	D	3	BCDJF
PS-834-EPR	2.375	D	3	QCFJF
PS-834-P66	2.375	D	3	BCDJF
PS-835	2.500	D	3	BCDJF
PS-836	2.750	C	3	BCFJF
PS-836-CMS	2.750	C	1	BCFJF
PS-836-P66	2.750	C	3	BCFJF
PS-837	2.750	D	3	BCFJF
PS-837-P66	2.750	D	3	BCFJF
PS-838	2.750	E	3	V/BCFJF
PS-838-P66	2.750	E	3	V/BCFJF
PS-839	2.875	C	3	BCFKF
PS-841	2.875	E	3	BCFKF
PS-841-EPR	2.875	E	3	QCFKF
PS-841-P66	2.875	E	3	BCFKF
PS-842	2.000	C	1	BCFKF
PS-842-P66	2.000	C	1	BCFKF
PS-842-TC SEAT	2.000	C	1	BCFZF
PS-842V	2.000	C	1	VCFKF
PS-842V-P66-CMS	2.000	C	1	VCFKF
PS-843	2.000	E	1	BCFKF
PS-844	2.125	C	1	BCFJF
PS-845	.937	U	3	BCFGF
PS-846	2.250	D	3	BCDJF
PS-847	2.250	D	3	BCDKF
PS-848	2.250	E	3	BCDJF
PS-849	2.250	E	3	BCDKF
PS-851	.750	A	1	BCFJF
PS-853	2.500	C	3	BCFKF
PS-854	2.125	C	3	BCFJF
PS-855	2.125	C	3	BCFKF
PS-856	2.125	E	3	BCFJF
PS-857	2.125	E	3	BCFKF
PS-857V-TC-SEAT	2.125	E	3	VCFZF
PS-859-TC-SEAT	1.750	E	3	BCFZF
PS-859V-TC-SC	1.750	E	3	VZFLF
PS-864	1.375	E	3	BCFJF
PS-864V	1.375	E	3	VCFJF
PS-865	1.375	E	3	BCFKF
PS-865-P66	1.375	E	3	BCFKF
PS-865-SC-SEAT	1.375	E	3	BCFLF
PS-865V-SC-SC	1.375	E	3	VLFLF
PS-866	1.125	E	3	BCFJF
PS-867	1.125	E	3	BCFKF
PS-867-EPR	1.125	E	3	QCFKF
PS-867V	1.125	E	3	VCFKF
PS-867V-TC-SEAT	1.125	E	3	VCFZF
PS-868	1.500	T	1	BCFJF
PS-874	2.250	D	1	BCDJF
PS-876	2.000	D	1	BCDKF
PS-877	.750	C	1	BCFJF
PS-877V	.750	C	1	VCFJF
PS-878	.875	K	1	BCFKF
PS-879	1.000	K	1	BCFJF
PS-879-SC-TC	1.000	K	1	BLFZF
PS-882	.625	B	—	BCF-F
PS-883	1.250	K	1	BCFJF
PS-883V-CMS	1.250	K	1	VCFJF
PS-884	1.500	K	1	BCFKF
PS-885-EPR-P66	1.125	E	3	QCFKF
PS-886	1.125	T	3	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-887	2.125	K	1	BCFJF
PS-890	1.250	K	1	BCFKF
PS-891	1.000	K	1	BCFKF
PS-892	.875	K	1	BCFJF
PS-892V	.875	K	3	VCFJF
PS-898	1.875	U	3	BCFJF
PS-902	.750	B	9	BMFKF
PS-918	1.125	T	3	BCFKF
PS-921	.750	A	1	BMFKF
PS-923	1.250	C	25	BCFJF
PS-923-EPR	1.250	C	25	QCFJF
PS-923V	1.250	C	25	VCFJF
PS-926	1.500	C	3	BCFJF
PS-928	.562	C	—	BCF-F
PS-929	1.375	C	25	BCFJF
PS-933	.625	C	—	BCF-F
PS-933-P66	.625	C	—	BCF-F
PS-933V	.625	C	—	VCF-F
PS-935	.875	E	1	BCFKF(316SS)
PS-935V-CMS	.875	E	1	VCFKF(316SS)
PS-936	.875	E	—	BCF-F
PS-937	1.000	E	—	BCF-F
PS-937V	1.000	E	—	VCF-F
PS-939	1.500	D	—	BCF-F
PS-941	2.250	D	1	BCDKF
PS-941V	2.250	D	3	VCDKF
PS-942	2.250	D	—	BCD-F
PS-943	1.437	E	3	NCPKF
PS-944	.750	C	1	BCFJF
PS-944-EPR	.750	C	1	QCFJF
PS-944V	.750	C	1	VCFJF
PS-948	1.125	E	3	BCFKF
PS-949	1.875	E	3	BCFKF
PS-951	.625	C	3	VCFKF
PS-951-EPR	.625	C	3	QCFKF
PS-952	.625	A	1	BCFJF
PS-952-P66	.625	A	1	BCFJF
PS-953	.625	A	1	BCFJF
PS-954	.625	A	1	BCFKF
PS-954V-CMS	.625	A	1	VCFKF
PS-955	.625	A	1	BCFKF
PS-957	.625	A	1	BCFJF
PS-961	.625	B	1	BCFJF
PS-963	.625	B	1	BCFJF
PS-964	.625	B	1	BCFKF
PS-968	.750	A	1	BCFJF
PS-973	.750	A	1	BCFKF
PS-974	.750	A	—	BCF-F
PS-975	1.000	A	—	BCF-F
PS-976	1.250	D	1	BCFJF
PS-976V	1.250	D	1	VCFJF
PS-977	1.250	D	1	BCFKF
PS-978	1.250	C	1	BCFJF
PS-978-EPR	1.250	C	1	QCFJF
PS-978-EPR-P66	1.250	C	1	QCFJF
PS-978-EPR-SC-SC	1.250	C	1	QLFLF
PS-978-EPR-TC	1.250	C	1	QCFZF
PS-978-P66	1.250	C	1	BCFJF
PS-978-SC-TC	1.250	C	1	BLFZF
PS-978-TC-SEAT	1.250	C	1	BCFZF
PS-978V	1.250	C	1	VCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-978V-P66	1.250	C	1	VCFJF
PS-978V-P66-TC	1.250	C	1	VCFZF
PS-978V-P90	1.250	C	1	VRFJF
PS-978V-SC-P66	1.250	C	1	VCFLF
PS-978V-SC-SC	1.250	C	1	VLFLF
PS-979	1.250	C	1	BCFKF
PS-979-EPR	1.250	C	1	QCCKF
PS-979-P66	1.250	C	1	BCFKF
PS-979V	1.250	C	1	VCFKF
PS-979V-P66	1.250	C	1	VCFKF
PS-981	1.250	D	3	BCFKF
PS-982	1.000	C	1	BCFKF
PS-982V-CMS	1.000	C	1	VCFKF
PS-983	1.125	C	1	BCFKF
PS-983V	1.125	C	3	VCFKF
PS-984	.500	C	1	BCFKF
PS-989	.625	C	1	N/BCFJF
PS-1000	.625	B	1	BMFJF
PS-1000V	.625	B	3	VCFJF
PS-1000V-CMS	.625	B	1	VCFJF
PS-1002	.500	C	1	BCFJF
PS-1002-EPR	.500	C	1	QCCKF
PS-1002-P66	.500	C	1	BCFJF
PS-1002V	.500	C	1	VCFJF
PS-1005A	.625	B	1	BMFKF
PS-1012	.500	C	1	B/QCCKF
PS-1012-EPR	.500	C	1	QCCKF
PS-1012V	.500	C	1	VCFJF
PS-1015	1.250	E	—	BCF-F
PS-1016	.625	C	1	N/BCFJF
PS-1017	2.000	C	1	BCFKF
PS-1017-TC-SEAT	2.000	C	1	BCFZF
PS-1018	1.250	C	3	BCFKF
PS-1018-CMS	1.250	C	1	BCFKF
PS-1018-EPR	1.250	C	3	QCCKF
PS-1018-EPR-P66	1.250	C	3	QCCKF
PS-1018-P66	1.250	C	3	BCFKF
PS-1018-SC-SC	1.250	C	3	BLFLF
PS-1018V	1.250	C	3	VCFKF
PS-1019	1.625	C	3	BCFKF
PS-1019-CMS	1.625	C	1	BCFKF
PS-1019-CMS-P66	1.625	C	1	BCFKF
PS-1019-SC-SC	1.625	C	3	BLFLF
PS-1019-TC-SEAT	1.625	C	3	VCFZF
PS-1019V	1.625	C	3	VCFKF
PS-1019V-P66	1.625	C	3	VCFKF
PS-1019V-SC-SC	1.625	C	3	VLFLF
PS-1020	2.000	C	3	BCFKF
PS-1020-EPR-P66	2.000	C	3	QCCKF
PS-1020V	2.000	C	3	VCFKF
PS-1021	.625	B	8	BMFJF
PS-1026	.750	D	1	BCDKF
PS-1028	2.000	C	1	BCFKF
PS-1034V	1.000	C	28	VCFKF
PS-1035	1.625	C	28	BCFKF
PS-1036	1.250	C	28	BCFKF
PS-1036V	1.250	C	28	VCFKF
PS-1037	2.000	C	28	BCFKF
PS-1037V	2.000	C	28	VCFKF
PS-1038	1.750	C	28	BCFKF
PS-1038V	1.750	C	28	VCFKF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-1039	1.625	C	28	VCFKF
PS-1040	2.000	K	3	BCFKF
PS-1041	2.375	K	3	BCFKF
PS-1042	1.750	U	1	BCFJF
PS-1043	.500	C	1	BMFJF
PS-1044	1.187	C	28	BCFKF
PS-1044V	1.187	C	28	VCFKF
PS-1045	.625	C	3	VCFJF
PS-1048	1.000	C	1	BCFJF
PS-1049	1.000	C	3	BCFJF
PS-1050	.500	C	—	BCF-F
PS-1050-EPR	.500	C	—	QCCKF
PS-1050V	.500	C	—	VCF-F
PS-1053	1.250	C	3	B/VCFKF
PS-1055	1.750	C	—	BCF-F
PS-1056	1.750	C	3	BCFKF
PS-1056V	1.750	C	3	VCFKF
PS-1056V-SC-SEAT	1.750	C	3	VCFLF
PS-1057	2.125	C	3	B/VCFKF
PS-1060V	3.000	E	3	VCDKF
PS-1061	.562	A	1	VCFJF
PS-1062	1.375	C	3	VCFKF
PS-1064V	.312	C	3	VCFJF
PS-1065	.375	C	3	BCFJF
PS-1065V	.375	C	3	VCFJF
PS-1067	1.125	E	1	BCFKF
PS-1068	1.750	C	1	BCFKF
PS-1069	3.125	V	3	BCFJF
PS-1070	1.750	U	3	BCFJF
PS-1078	1.750	E	27	BCFJF
PS-1079	.625	C	1	NCFFJF
PS-1080	.625	C	1	NCFFJF
PS-1081	1.250	C	1	NCFFJF
PS-1082	1.250	C	1	NCFFJF
PS-1083	1.250	C	1	NCFFJF
PS-1084	1.250	C	1	NCFFJF
PS-1084-TC-SEAT	1.250	C	1	NCFFZF
PS-1085	.625	C	1	V/BCFJF
PS-1085V	.625	C	1	VCFJF
PS-1086	1.000	A	3	BCFJF
PS-1087	2.250	C	1	BCFJF
PS-1088	3.000	C	3	BCFJF
PS-1088-CMS	3.000	C	1	BCFJF
PS-1088-TC-TC	3.000	C	3	B/VZFFZ
PS-1088-TC-TC-CMS	3.000	C	1	BZFFZ
PS-1088V	3.000	C	3	VCFJF
PS-1088V-TC-TC	3.000	C	3	VZFFZ
PS-1088V-TC-TC-CMS	3.000	C	1	VZFFZ
PS-1089	.625	B	1	V/BCFJF
PS-1091	.625	C	1	VCFJF
PS-1092	.750	C	1	VCFKF
PS-1092-TC-TC	.750	C	1	VZFFZ
PS-1093	.750	C	1	VCFJF
PS-1094	1.000	C	1	VCFJF
PS-1095	1.000	C	—	BCF-F
PS-1097	1.875	D	1	BCDKF
PS-1098	.500	B	1	BMFJF
PS-1102	2.125	V	3	BCFJF
PS-1104	1.375	V	25	BMFJF
PS-1105	1.875	V	25	BMFJF
PS-1107-CMS	2.125	V	1	BCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-1108	1.875	V	1	BMFJF
PS-1109	1.250	C	3	BCFKF
PS-1109-CER	1.250	C	3	BCFJF
PS-1109-EPR	1.250	C	3	QCFKF
PS-1109-P66	1.250	C	3	BCFKF
PS-1109V	1.250	C	3	VCFKF
PS-1110	1.500	C	3	BCFKF
PS-1110V	1.500	C	3	VCFKF
PS-1112	.500	Q	9	BMFJF
PS-1113	.750	C	1	BCFKF
PS-1118	1.250	K	1	B/HCFJF
PS-1119	.625	C	1	BCFJF
PS-1119V	.625	C	1	VCFJF
PS-1120	.500	C	1	BCFJF
PS-1123	1.000	C	1	BCFKF
PS-1125	.750	C	1	BCFJF
PS-1125-EPR	.750	C	1	QCFJF
PS-1125-P66	.750	C	1	BCFJF
PS-1125-SC-SC	.750	C	1	BLFLF
PS-1128	1.250	D	3	NCPKF
PS-1133	.437	C	1	BCFJF
PS-1137	.500	Q	1	BMFJF
PS-1142	1.750	K	3	BCFJ/KF
PS-1145	2.000	C	3	VCFKF
PS-1149	.500	Q	9	BMFJF
PS-1150	.625	A	1	BMFKF
PS-1152	.625	B	1	BMFKF
PS-1154	.625	C	1	BCFKF
PS-1155	.625	C	1	BCFJF
PS-1155V	.625	C	1	VCFJF
PS-1155V-TC-SEAT	.625	C	1	VCFZF
PS-1156	.625	C	1	BCFKF
PS-1156V	.625	C	3	VCFKF
PS-1158	.625	E	2	BCDKF
PS-1160	.750	C	1	BCFKF
PS-1161	.750	D	1	BCDJF
PS-1162	.750	D	1	BCDJF
PS-1163	.875	C	1	BCFJF
PS-1167	1.125	C	1	BCFKF
PS-1172	1.125	E	3	BCFJF
PS-1172V	1.125	E	3	VCFJF
PS-1173	1.125	E	3	BCFKF
PS-1176	1.125	K	1	BCFJF
PS-1177	1.125	K	1	BCFKF
PS-1178	1.125	T	3	BCFJF
PS-1179	1.181	D	1	BCDKF
PS-1179-P66	1.181	D	1	BCDKF
PS-1179V	1.181	D	1	VCDKF
PS-1179V-P66	1.181	D	1	VCDKF
PS-1180	1.187	E	1	BCDKF
PS-1185	1.250	E	1	NCPJP
PS-1186	1.250	E	1	BCFKF
PS-1187	1.250	T	1	BCFJF
PS-1193	1.562	E	3	BCDKF
PS-1194	1.562	E	1	BCDKF
PS-1195	1.625	K	1	BCFJF
PS-1197	1.750	K	1	BCFKF
PS-1199	1.750	U	3	BCFKF
PS-1510	.750	C	1	BCFJF
PS-1510V	.750	C	1	VCFJF
PS-1514	.750	C	1	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-1514V	.750	C	1	VCFJF
PS-1522	.750	A	—	BMF-F
PS-1525	.750	A	1	BMFJF
PS-1604	.750	K	1	BCFJF
PS-1608	1.875	C	1	BCFKF
PS-1610	2.000	R	1	BCDJF
PS-1612	2.125	E	3	BCFKF
PS-1612V	2.125	E	3	VCFKF
PS-1613	2.500	K	3	BCFJF
PS-1615	.375	B	1	BMFJF
PS-1618	.625	C	1	BCFJF
PS-1619	1.000	B	1	BCDJF
PS-1621	.500	Q	9	BMFJF
PS-1622	.750	B	9	BMFJF
PS-1622V	.750	B	9	VMFJF
PS-1623	1.250	K	3	BCFJ/KF
PS-1625	.625	C	3	BCFKF
PS-1625-EPR	.625	C	3	QCFKF
PS-1626	.625	C	3	VCFKF
PS-1626-CMS	.625	C	1	VCFKF
PS-1630	1.000	D	3	BCPKF
PS-1630V	1.000	D	3	VCPKF
PS-1631	1.000	T	3	NCPKF
PS-1632	1.250	D	3	NCPKF
PS-1632V	1.250	D	3	VCPKF
PS-1633	1.437	T	3	NCPKF
PS-1634	1.437	E	3	BCPKP
PS-1634V	1.437	E	3	VCPKF
PS-1636	1.125	E	3	B/VCFJF
PS-1637	1.125	E	3	B/VCFKF
PS-1639V	1.125	E	3	VCFKF
PS-1646	1.500	E	3	VCFZF
PS-1647	1.500	E	3	B/VCFJF
PS-1648	1.500	E	3	B/VCFKF
PS-1651	1.500	E	3	VCFJF
PS-1652	1.500	E	3	VCFKF
PS-1653	1.875	T	3	VCFJF
PS-1659	1.875	E	3	VCFJF
PS-1659V-CMS	1.875	E	1	VCFJF
PS-1660	1.875	E	3	VCFKF
PS-1661	1.875	E	3	VCFZF
PS-1662	1.875	E	3	B/VCDJF
PS-1664	1.875	E	3	B/VCFJF
PS-1667	1.375	C	1	BCFKF
PS-1667-EPR-P66	1.375	C	1	QCFKF
PS-1667V	1.375	C	1	VCFKF
PS-1668	1.125	E	3	BCFZF
PS-1674	1.750	C	1	BCFKF
PS-1674-EPR-P66	1.750	C	1	QCFKF
PS-1674-TC-SEAT	1.750	C	1	BCFZF
PS-1674V-TC-TC-CMS	1.750	C	1	VZFZF
PS-1675	.590	D	1	BCFKF
PS-1676	2.250	C	3	BCFKF
PS-1676-EPR	2.250	C	3	QCFKF
PS-1676-EPR-P66	2.250	C	3	QCFKF
PS-1676-P66	2.250	C	3	BCFKF
PS-1676-TC-SEAT	2.250	C	3	B/VCFZF
PS-1676V	2.250	C	3	VCFKF
PS-1676V-TC-SEAT	2.250	C	3	VCFZF
PS-1677	2.375	C	28	BCFKF
PS-1678	2.250	C	3	BCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-1678V	2.250	C	3	VCFJF
PS-1679	2.250	C	1	BCFJF
PS-1679-P66	2.250	C	1	BCFJF
PS-1679V-CMS	2.250	C	1	VCFJF
PS-1680	2.250	C	1	BCFKF
PS-1680-P66	2.250	C	1	BCFKF
PS-1680-SC-SC	2.250	C	1	BLFLF
PS-1680V	2.250	C	1	VCFKF
PS-1681	.875	D	3	BCDKF
PS-1681V	.875	D	3	VCDKF
PS-1682	1.125	C	1	BCFJF
PS-1683	1.625	E	3	BCFJF
PS-1683-P66	1.625	E	3	BCFJF
PS-1683V	1.625	E	3	VCFJF
PS-1684	1.750	E	3	BCFJF
PS-1686	2.125	D	1	BCFJF
PS-1687	2.125	D	1	BCFKF
PS-1688	2.250	E	3	BCFJF
PS-1688V	2.250	E	3	VCFJF(316SS)
PS-1691	1.500	E	3	VCFKF
PS-1692	1.500	E	3	VCFZF
PS-1693	1.875	K	1	BCFKF
PS-1694	2.375	K	3	BCFJF
PS-1695	2.500	K	3	BCFKF
PS-1696-CMS	3.000	C	1	BCFJF
PS-1697	1.625	D	3	BCFKF
PS-1697-TC-SEAT	1.625	D	3	BCFZF
PS-1698	1.625	D	3	BCFJF
PS-1699	1.625	E	3	BCFKF
PS-1699E-TC-P66	1.625	E	3	QCFZF
PS-1699-P66	1.625	E	3	BCFKF
PS-1699V	1.625	E	3	VCFKF
PS-1699V-P66	1.625	E	3	VCFKF
PS-1699V-SC-TC	1.625	E	3	VLZFZ
PS-1699V-TC-P66	1.625	E	3	VCFZF
PS-1754	.750	C	1	BCFJF
PS-1900	.625	G	1	VLFLF(316SS)
PS-1901	.625	G	1	VLFLF(316SS)
PS-1902	.750	G	1	VLFLF(316SS)
PS-1903	.625	A	1	VLFLF(316SS)
PS-1904	.750	B	1	VLFLF(316SS)
PS-1905	.625	B	1	VLFLF(316SS)
PS-1906	.625	G	31	VLFLF(316SS)
PS-1907	.625	G	1	VLFLF(316SS)
PS-1908	.750	A	1	VLFLF
PS-2000	.625	D	1	BCFJF
PS-2002	.625	D	3	BCFJF
PS-2004	.625	D	1	BCFJF
PS-2007	.625	D	1	BCFKF
PS-2008	.750	D	1	BCFJF
PS-2009	.750	D	1	BCFKF
PS-2010	.750	D	3	BCFJF
PS-2014	.750	E	3	V/BCFJF
PS-2015	.625	E	3	BCFKF
PS-2016	.625	E	1	BCFJF
PS-2017	.625	E	1	BCFKF
PS-2020	.625	E	1	BCFJF
PS-2021	.625	E	1	BCFKF
PS-2022	.625	E	3	BCFJF
PS-2023	.625	E	3	BCFKF
PS-2024	.875	D	1	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-2026	.875	D	3	BCFJF
PS-2027	.875	D	3	BCFKF
PS-2027-EPR-TC-SEAT	.875	D	3	QCFZF
PS-2027V	.875	D	3	VCFKF
PS-2029	.875	E	1	BCFKF
PS-2033	1.000	D	3	BCFJF
PS-2045	1.375	D	1	BCFJF
PS-2046	1.375	D	1	BCFKF
PS-2047	1.375	D	3	BCFJF
PS-2047V	1.375	D	3	VCFJF
PS-2048	1.375	D	3	BCFKF
PS-2055	1.625	D	1	BCFJF
PS-2056	1.625	D	1	BCFKF
PS-2057	1.625	E	1	BCFJF
PS-2058	1.625	E	1	BCFKF
PS-2058V-TC-SEAT	1.625	E	1	VCFZF
PS-2059	1.750	D	1	BCFJF
PS-2060	1.750	D	1	BCFKF
PS-2060-TC-TC	1.750	D	1	BZFZF
PS-2061	1.750	D	3	BCFJF
PS-2062	1.750	D	3	BCFKF
PS-2069	1.875	E	1	BCFJF
PS-2070	1.875	E	1	BCFKF
PS-2071	1.875	E	3	BCFJF
PS-2072	1.875	E	3	BCFKF
PS-2072-TC-TC	1.875	E	3	BZFZF
PS-2073	2.000	D	1	BCFJF
PS-2073V-SC-TC-CMS	2.000	D	1	VLZFZ
PS-2075	2.000	D	3	BCFJF
PS-2076	2.000	D	3	BCFKF
PS-2086	2.125	E	3	BCFKF
PS-2087	2.250	D	1	BCFJF
PS-2088	2.250	D	1	BCFKF
PS-2089	2.250	D	3	BCFJF
PS-2090	2.250	D	3	BCFKF
PS-2091	2.250	E	1	BCFJF
PS-2092	2.250	E	1	BCFKF
PS-2093	2.125	D	3	BCFJF
PS-2094	2.250	E	3	BCFKF
PS-2094V	2.250	E	3	VCFKF
PS-2095	2.375	D	3	BCFKF
PS-2097-CMS	2.375	E	1	BCFJF
PS-2098V	2.375	E	3	VCFKF
PS-2104	1.375	E	—	BCF-F
PS-2104V	1.375	E	—	VCF-F
PS-2105	1.500	C	—	BCF-F
PS-2105V	1.500	C	—	VCF-F
PS-2105V-TC	1.500	C	—	VZF-F
PS-2106	1.500	E	—	BCF-F
PS-2106-P66	1.500	E	—	BCF-F
PS-2106V	1.500	E	—	VCF-F
PS-2107	1.625	C	—	BCF-F
PS-2108	1.750	C	—	BCF-F
PS-2108-EPR-P66	1.750	C	—	QCF-F
PS-2108-P66	1.750	C	—	BCF-F
PS-2108V	1.750	C	—	VCF-F
PS-2109	1.750	E	—	BCF-F
PS-2109-AFLAS	1.750	E	—	XCF-F
PS-2109-EPR	1.750	E	—	QCF-F
PS-2109-EPR-P66	1.750	E	—	QCF-F
PS-2109-P66	1.750	E	—	BCF-F

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-2111	2.000	C	—	BCF-F
PS-2112	2.000	E	—	BCF-F(316SS)
PS-2112V	2.000	E	—	VCF-F(316SS)
PS-2112V-P66	2.000	E	—	VCF-F(316SS)
PS-2114	1.875	C	3	BCFJF
PS-2115	3.000	C	3	BCFKF
PS-2115-TC-SEAT	3.000	C	3	BCFZF
PS-2116	3.000	C	3	BCFJF
PS-2116-SC-SC	3.000	C	3	BLFLF
PS-2117	1.500	E	1	BCFJF
PS-2120	2.500	C	1	BCFJF
PS-2122	1.250	C	1	BCFJF
PS-2122-P66	1.250	C	1	BCFJF
PS-2122V	1.250	C	3	VCFJF
PS-2122V-CMS	1.250	C	1	VCFJF
PS-2122V-TC-SC-CMS	1.250	C	1	VZFLF
PS-2123	1.250	C	1	BCFKF
PS-2123-P66	1.250	C	1	BCFKF
PS-2123V-CMS	1.250	C	1	VCFKF
PS-2123V-TC-CMS	1.250	C	1	VCFZF
PS-2126	2.125	T	3	BCFJF
PS-2128	1.250	E	3	BCFJF
PS-2129	1.250	E	3	BCFKF
PS-2129V	1.250	E	3	VCFKF
PS-2130	1.750	E	3	BCFJF
PS-2131	.625	A	1	BMJFJ
PS-2131V	.625	A	1	VCFJF
PS-2132	2.250	T	3	BCDJF
PS-2133	2.000	C	1	BCFJF
PS-2133-P66	2.000	C	1	BCFJF
PS-2134	1.375	C	1	BCFJF
PS-2134-P66	1.375	C	1	BCFJF
PS-2134V-CMS-P66	1.375	C	1	VCFJF
PS-2135	1.750	C	1	BCFJF
PS-2135-P66	1.750	C	1	BCFJF
PS-2135-SC-SC	1.750	C	1	BLFLF
PS-2136	.750	A	1	BCFJF
PS-2137	1.500	E	1	BCFKF
PS-2138	.500	C	Special	BCFGF
PS-2139	2.000	C	1	BCFJF
PS-2140	5.000	K	3	BCFKF
PS-2141	3.000	K	3	BCFKF
PS-2141-SC-SC	3.000	K	3	BLFLF
PS-2142	1.750	C	1	BCFJF
PS-2143	2.000	K	1	BCFJF
PS-2144	1.750	T	3	BCFJF
PS-2145	1.000	C	3	BCFJF
PS-2146	1.875	V	3	BMFJF
PS-2147	2.500	V	3	BCFJF
PS-2148	2.750	K	3	BCFJF
PS-2149	.625	C	3	BCFKF
PS-2150	1.750	C	3	BCFJF
PS-2151	1.750	C	3	BCFKF
PS-2151-EPR-P66	1.750	C	3	QCFKF
PS-2151-TC-SEAT	1.750	C	3	BCFZF
PS-2151V	1.750	C	3	VCFKF
PS-2151V-TC-SEAT	1.750	C	3	VCFZF
PS-2152V	2.750	C	3	VCFKF
PS-2153	3.000	C	3	BCFJF
PS-2153-CMS	3.000	C	1	BCFJF
PS-2153-SC-SC-CMS	3.000	C	1	BLFLF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-2153-TC-CMS	3.000	C	1	BCFZF
PS-2153-TC-TC	3.000	C	3	BZFZF
PS-2153V-SC-SC-CMS	3.000	C	1	VLFLF
PS-2153V-TC-TC	3.000	C	1	VZFFZ
PS-2154	2.750	C	3	BCFJF
PS-2154-SC-SC-CMS	2.750	C	1	BLFLF
PS-2154-SC-TC-CMS	2.750	C	1	BLFZF
PS-2154-TC-CMS	2.750	C	1	BCFZF
PS-2154-TC-SEAT	2.750	C	3	B/VCFZF
PS-2154V-SC-SC	2.750	C	3	VLFLF
PS-2154V-TC-TC	2.750	C	3	VZFFZ
PS-2155	1.062	C	3	BCFKF
PS-2156	1.437	C	3	BCFKF
PS-2156V	1.437	C	3	VCFKF
PS-2157	1.750	U	3	BCF/DKF
PS-2158	2.500	K	1	BCFJF
PS-2160	.625	C	1	BCFJF
PS-2161	.625	B	1	BMFJF
PS-2162	1.187	C	1	BCFKF
PS-2163	1.000	C	1	BCFKF
PS-2164	1.000	D	1	BCFJF
PS-2166	.875	C	1	BCFJF
PS-2166-EPR	.875	C	1	QCFJF
PS-2166V	.875	C	1	VCFJF
PS-2167	.875	C	1	BCFJF
PS-2167-EPR-P66	.875	C	1	QCFJF
PS-2168	.875	C	3	BCFKF
PS-2169	.875	C	3	BCFKF
PS-2169V	.875	C	3	VCFKF
PS-2170	1.750	U	3	BCFJF
PS-2172	.625	A	1	BCFJF
PS-2200	1.250	C	3	VCFKF
PS-2201	1.625	C	3	QCFKF
PS-2202	1.625	C	3	BCFJF
PS-2202-CMS	1.625	C	1	BCFJF
PS-2202-P66	1.625	C	3	BCFJF
PS-2202V	1.625	C	3	VCFJF
PS-2203	1.250	C	3	QCFKF
PS-2203-CMS	1.250	C	1	QCFKF
PS-2204	.625	A	1	VCFZF
PS-2205	2.500	E	3	BCFKF
PS-2205-EPR	2.500	E	3	QCFKF
PS-2206	.625	C	3	QCFKF
PS-2207	1.750	C	3	VCFZF
PS-2208	1.250	C	1	BZFZF
PS-2209	1.500	C	1	BZFZF
PS-2210	1.750	C	1	BCFZF
PS-2211	1.250	T	3	BCFJF
PS-2212	1.750	C	1	BCFJF
PS-2214	.625	C	1	QCFJF
PS-2215	1.250	C	1	QCFJF
PS-2216	1.000	C	1	BZFZF
PS-2216V-CMS	1.000	C	1	VZFFZ
PS-2217	1.500	C	3	BZFZF
PS-2219	2.000	C	1	BZFZF
PS-2221	1.500	C	3	QCFKF
PS-2223	1.500	C	3	VCFZF
PS-2223-SC-SEAT	1.500	C	3	VCFLF
PS-2224	.875	C	3	QCFKF
PS-2226	1.125	C	3	QCFZF
PS-2227	1.125	C	1	BCFJF



## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-2229	.750	C	1	BCFKF
PS-2229V-P66	.750	C	1	VCFKF
PS-2230	1.250	C	3	BCFJF
PS-2230V	1.250	C	3	VCFJF
PS-2231	1.750	E Bal.	3	BCFKF
PS-2231-CMS	1.750	E Bal.	1	BCFKF
PS-2232	1.500	C	1	BCFKF
PS-2234	1.437	E	3	BCFKF
PS-2234V	1.437	E	3	VCFKF
PS-2235	.750	C	3	VCFJF
PS-2235-SC-TC	.750	C	3	VLFZF
PS-2236	.750	C	3	BCFJF
PS-2237	1.875	K	1	BCFJF
PS-3000	.472	G	1	BLFLF
PS-3001	.500	G	3	VCFJF
PS-3002	.500	G	3	VCFJF(316SS)
PS-3003	.500	G	3	BCFJF
PS-3004	.500	G	1	QCFLF
PS-3005	.625	G	3	VLFLF
PS-3006	.625	G	1	BCFJF
PS-3008	2.375	G	1	BCFJF
PS-3009	.875	G	1	BCFJF(316SS)
PS-3010	1.000	G	3	BCFLF
PS-3012	1.125	G	1	BLFLF(316SS)
PS-3013	1.125	G	25	VCFLF(316SS)
PS-3014	1.375	G	1	BLFZF(316SS)
PS-3015	1.375	G	25	VLFLF
PS-3016	1.750	G	1	BLFLF
PS-3017	1.875	G	1	BCFJF
PS-3018	1.875	G	1	BLFLF
PS-3019	2.000	G	25	QCFLF(316SS)
PS-3020	2.125	G	3	QCFJF(316SS)
PS-3021	3.000	G	1	VLFLF(316SS)
PS-3022	2.375	G	1	BLFZF
PS-3023	1.250	D	1	QCFLF
PS-3024	1.750	E	1	VCFZF(316SS)
PS-3025	1.625	D	1	QCFLF
PS-3026	1.625	D	3	BCDGF
PS-3027	2.000	C	3	QCFZF
PS-3029	1.250	C	1	BCFJF
PS-3030	1.625	C	1	QCFJF
PS-3033	.500	Q	8	BCFKF
PS-3035	2.125	D	1	VCFLF
PS-3100	1.000	Q	—	NMDKF
PS-3401	1.000	Q	9	NMDKF
PS-3440	1.000	C	1	BCFJF
PS-3440V	1.000	C	1	V/BCFJF
PS-3499	3.625	E	3	BCFJF
PS-3505	3.437	U	3	VCPKF
PS-3507	.875	E	3	VZFLF
PS-3511	1.125	T	3	VCFJF
PS-3515	1.250	E	1	QCFLF(316SS)
PS-3516	2.500	E	3	QCFZF
PS-3518	3.000	K	1	BCFJF
PS-3522	2.000	E	3	BCFKF(316SS)
PS-3523	1.625	C	3	VCFZF
PS-3525	.625	C	3	QCFKF
PS-3528	1.250	E	1	QCFLF(316SS)
PS-3530	2.250	E	3	B/VZFZF
PS-3537	2.250	C	1	BCFJF
PS-3538	1.250	C	1	VCFLF(316SS)

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-3539	3.000	C	1	VZVFZ
PS-3540	1.750	E	3	QZVFZ
PS-3541	1.375	T	3	VZFZF(316SS)
PS-3542	.562	C	3	VCFKF
PS-3543	1.625	C	1	VCFZF(316SS)
PS-3550	.625	C	1	VRFRF
PS-3553	3.625	T	3	BCFKF
PS-3555	1.250	D	1	QLFLF
PS-3558	1.500	K	3	BCFJF
PS-3561	.500	C	1	BCFJF
PS-3562	2.062	T	3	BCFKF
PS-3563	.500	C	1	QCFLF
PS-3568	.500	G	1	QLFLF
PS-3576	2.250	E	3	VCFJF(316SS)
PS-3578V	.437	C	1	VCFJF
PS-3580	2.000	C	1	QCFZF
PS-3583	.500	C	1	BCFKF
PS-3584	1.375	C	3 Special	VCFGF
PS-3586	.625	G	1	QCFJF
PS-3589	1.000	E	5	VCFZF
PS-3591	2.000	U	3	QCFZF
PS-3600	3.000	C	3	BCFKF
PS-3606	2.125	C	3	VCFLF
PS-3607	1.250	T	3	NAFGF
PS-3611	1.250	WT	2	TCFOF(316SS)
PS-3613	.625	C	1	VLFLF
PS-3615	1.500	E Bal.	3	VCFZF
PS-3616	1.625	C	1	QCFKF
PS-3619	1.000	C	3	VCFKF
PS-3625	1.000	E	1	VCFZF
PS-3637	1.750	E	3	VCFKF
PS-3638	1.250	E	1	VCFZF
PS-3639	2.000	E	3	QCFZF
PS-3642	1.500	D	1	VLFLF
PS-3643	2.250	E Bal.	3	BCFKF
PS-3648	1.875	E Bal.	Special	VCFZF
PS-3653	1.125	E	3	NCPGF
PS-3654	.750	C	1	BCFKF
PS-3656	2.250	E Bal.	3	VCFZF
PS-3661	2.750	C	3	VLFZF
PS-3664	1.625	C	1	BZFZF
PS-3673	1.750	E	3	BCEJE
PS-3674	2.000	C	1	QCFKF
PS-3678	.875	C	3	QCFLF
PS-3684	3.625	T	3	BCFJF
PS-3687	1.750	C	3	BZFZF
PS-3701	3.000	C	3	BLFZF
PS-3702	3.250	C	3	BLFZF
PS-3704	1.500	C	3	VCFZF(316SS)
PS-3707	.625	C	1	QLFLF(316SS)
PS-3708	2.000	E	5	BCFZF
PS-3712	1.125	D	3	VCFZF
PS-3713	3.000	D	3	NCPGP
PS-3714	2.125	E Bal.	3	BCFJF
PS-3715	.500	C	1	VCFJF
PS-3718V	1.750	C	3	VCFJF
PS-3719	1.750	C	3	B/VLFZF
PS-3721	2.000	C	3	BLFZF
PS-3723	.625	C	3	QCFJF
PS-3729	.500	X	3	BCFKF
PS-3730	1.375	C	—	NFF-F

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-3731	1.125	Special	3	BCPKP
PS-3735	.500	C	3	VCFKF
PS-3741	.625	B	1	VLFLF
PS-3745	3.500	D	3	VZFZF
PS-3747	.625	C	1	BCFLF
PS-3749	.875	C	1	BCFJF
PS-3751	2.437	E	3	VCPKF
PS-3754	1.750	V	3	BCFJF
PS-3755	1.000	C	3	VCFJF
PS-3765	2.125	K	1	VCFRF
PS-3765-TC-SEAT	2.125	K	1	VCFZF
PS-3769	1.375	E Bal.	3	VCFZF
PS-3772	1.625	D	3	VZFLF
PS-3773	2.250	C	1	VZFZF
PS-3776	3.000	D	3	VZFZF
PS-3779	3.625	V	3	BCFJF
PS-3783	1.375	E	3	BCFLF
PS-3784	2.250	E Bal.	3	BCFJF
PS-3785	1.000	C	1	VCFJF
PS-3788	.750	G	3	VCFJF
PS-3791	.625	C	1	BCFJF
PS-3793	3.500	G	3	QCFLF
PS-3799	1.375	E Bal.	3	QCFZF
PS-3800	.500	X	3	VCFKF
PS-3802	3.000	G	3	QCFLF
PS-3803	1.000	E	3	VCFKF
PS-3804	2.500	G	25	QCFLF
PS-3810V-CMS	2.000	C	1	VCFJF
PS-3813	1.500	C	1	VCFJF
PS-3816	.625	A	1	VCFKF
PS-3818	1.875	D Bal.	1	BCDZF
PS-3824	1.000	C	28	BCFKF
PS-3826	.875	C	1	QCFJF
PS-3827	3.250	D	3	BZFZF
PS-3829	1.250	C	1	VRFJF
PS-3833	1.125	C	2	BCFKF
PS-3836	3.000	U	3	BCFJF
PS-3843	.500	C	1	VCFJF
PS-3844	.500	C	1	BCFJF
PS-3845	.625	B	8	BMFJF
PS-3848	1.437	E	3	BCPKF
PS-3854	1.375	Q	25	BMPAP
PS-3855	3.500	E	3	BCFKF
PS-3858	3.500	E	3	BCFKF
PS-3862	3.500	X	3	VCFKF(316SS)
PS-3864	.625	A	1	VCFJF
PS-3865R	.625	B	1	VCFJF
PS-3866	.625	G	1	VCFJF
PS-3867	.625	G	1	VCFJF
PS-3868	.750	G	1	VCFJF
PS-3869	.625	G	1	VCFJF
PS-3870	.750	G	1	VCFJF
PS-3872	1.250	E	1	QCFKF
PS-3875	2.000	C	3	BCFKF
PS-3877	2.500	C	3	VLFLF
PS-3883	1.250	G	1	BCFJF
PS-3884	1.750	U	1	VCFZF
PS-3885	.625	K	1	VCFJF
PS-3886	1.250	C	1	VCFJF(316SS)
PS-3888	2.500	D	3	VZFLF
PS-3890	.625	G	1	BCFJF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-3893	.875	C	3 Special	VCFGF
PS-3900	1.000	D	1	BCDKF
PS-3901	1.375	E	3	VCFJF(316SS)
PS-3902	1.750	E	3	VCFJF(316SS)
PS-3907	.875	C	1	BCFJF
PS-3916	.750	C	3	BCFJF
PS-3918	1.125	D	1	VCFKF
PS-3924	2.500	E	3	BCPKF
PS-3925	1.375	E	3	VCFJF
PS-3926	.625	B	9	VCFKF(316SS)
PS-3931	1.625	E	2	BCDKF
PS-3934	1.250	D	3	NCPKF
PS-3935	.750	W	2	TCFKF(316SS)
PS-3936V-TC-SEAT	2.375	E Bal.	3	VCFZF
PS-3938	1.181	D	1	VCFZF
PS-3939	1.625	C	3 Special	VCFKF
PS-3940	1.250	C	3	VRFLF
PS-3941	.875	C	1	VLFLF
PS-3943	1.500	C	3 Special	VCFGF
PS-3945	1.250	C	3 Special	VCFGF
PS-3951	2.250	E	27	VCFKF
PS-3952	2.000	E Special	3	NCDKF
PS-3959	1.000	K	1	VCFJF
PS-3960	.625	G	1	BCFJF
PS-3961	3.375	K	—	VCF-F
PS-3962	.625	W Special	2	TCFJF
PS-3963	1.750	C	3	BLFZF
PS-3964	1.875	T	3	BCFJF
PS-3965	1.125	C	1	QCFLF
PS-3966	2.250	C	3	BLFZF
PS-3967	1.625	C	1	BCFLF
PS-3969	3.000	E	3	BCFJF
PS-3970	.875	C	1	BCFZF
PS-3972	1.500	K	3	VLFLF
PS-3973	1.250	U	2	BCPKF
PS-3974	1.375	D Bal.	1	BCFJF
PS-3976	1.000	E	3	VCFJF(316SS)
PS-3977	.625	A	1	VLFLF
PS-3979	1.500	C	Special	BCFKF
PS-3981	.625	C	3	QCFKF
PS-3984	1.375	E	3	VCFLF
PS-3985	.750	B	1	BCFJF
PS-3986	.750	B	1	VCFJF
PS-3991	1.375	E Bal.	3	BCFKF
PS-3992	1.500	G	1	VCFJF
PS-3993	2.000	C	3	BCFJF
PS-3994	2.750	C	3	BCFJF
PS-3996	.875	C	1	VCFLF
PS-3999	2.000	E	3	VCFZF(316SS)
PS-4006	2.375	E	1	BCFZF
PS-4014	3.750	D	3	BLFZF
PS-4015	2.000	C	3	BCFKF
PS-4017	.875	C	3	VCFKF
PS-4019	3.500	E	3	BCFJF
PS-4024	.750	G	1	QLFLF
PS-4026	1.750	D	3	NCFKF
PS-4028	2.875	K	3 Special	NCFGF
PS-4031	.625	C	1	VCFLF
PS-4033	3.000	D	3	VZFLF
PS-4034	1.500	E	3	BCFZF
PS-4035	1.750	C/X Special	1	BCFJF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-4038	.500	Q	9	BMFJF
PS-4041	2.250	Q	1	VMPSP
PS-4042	.787	C	1	BCFJF
PS-4043	3.625	E	3	BCFJF
PS-4044	1.375	C	1	BCFJF
PS-4045	.500	C	3	B/VCFJF
PS-4046	1.875	T	25	BCFJF
PS-4047	1.125	C	1	VCFKF
PS-4048	.750	B	9	BLFLF
PS-4049	1.250	E	3	VCFLF(316SS)
PS-4052	2.000	Special	Special	BCFAF
PS-4053	1.250	C	1	QLFLF
PS-4055	.312	A	1	BCFJF
PS-4056	.750	B	1	QCFJF
PS-4057	1.375	C	3	QCFKF
PS-4059	.625	G	3	VCFLF
PS-4060	.437	G	1	BCFJF
PS-4061	.437	G	1	QCFJF
PS-4062	.437	G	1	QCFJF
PS-4063	.437	G	1	VCFJF
PS-4064	.500	Special	Special	BMFJF
PS-4065	.625	Special	Special	BMFJF
PS-4066	.750	Special	Special	BLFLF
PS-4067	1.437	E	3	VCFKF
PS-4068	1.625	C	3	QCFZF
PS-4069	3.000	V	3	BCFZF
PS-4071	1.250	D	3	VCFLF
PS-4072	2.500	T	3	BCFJF
PS-4073	1.250	D	3	VCFLF
PS-4074	1.625	D	3	VCFLF
PS-4076	1.625	D	3	VCFLF
PS-4079	2.125	D	3	VCFLF
PS-4080	2.125	D	3	VCFLF
PS-4081	1.000	C	1	BCFJF
PS-4082	3.000	E	3	BCFJF
PS-4086	3.000	C	1	VCFJF
PS-4087	1.375	E	—	VCF-F(316SS)
PS-4088	1.500	E Bal.	3	QCFJF
PS-4089	2.750	E	3	VCFLF(316SS)
PS-4113	3.500	T	3	BCFKF
PS-4114	.625	B	8	Special
PS-4123	1.375	D	3	VCFKF
PS-4127	3.250	C	3	BCFJF
PS-4131	1.250	C	1	VCFJF(316SS)
PS-4133	1.750	Q	Special	Special
PS-4134	1.375	X Special	Special	B/NCPGF
PS-4137	1.000	D	3	VCPKF
PS-4139	1.750	E	3	VCFKF
PS-4140	1.437	E	3	VCFLF
PS-4141	1.750	E	3	QCFZF
PS-4145	1.375	E Bal.	3	BCFZF
PS-4150	1.250	C	1	VLFLF(316SS)
PS-4152	1.250	C	3	BCFGF
PS-4153	1.750	C	1	VCFJF(316SS)
PS-4155	.625	G	1	VLFLF
PS-4159	1.625	E Bal.	3	VCFJF
PS-4162	2.375	E	3	QLFLF
PS-4163	1.375	E	—	QCF-F(316SS)
PS-4164	3.500	C	3	QCFZF
PS-4165	.625	G	1	VLFLF(316SS)
PS-4166	1.875	E	3	VZFZF(316SS)

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-4167	1.500	E	3	QCFZF
PS-4170	1.375	E Bal.	3	BCFKF
PS-4171V	1.875	E	3	VCFKF
PS-4172	3.000	E	3	VCFKF
PS-4175	3.250	D	3	BCFKF
PS-4176	1.250	C	1	VCFZF(316SS)
PS-4177	1.125	K	1	VL/CFL/JF
PS-4178	2.000	C	3	VLFLF
PS-4179	1.250	K	1	VLFLF
PS-4186	1.750	E	3	XCFLF
PS-4187	1.750	E	1	QCFJF
PS-4189	1.437	E	3	BCPKF
PS-4192	3.250	U	3	BCFJF
PS-4193	1.875	E	3	VCFZF(316SS)
PS-4194	1.375	D	1	VLFLF
PS-4195	1.000	G	1	VCFJF(316SS)
PS-4196	3.000	K	3	BZFZF
PS-4197	1.250	T	3	NCFGF
PS-4199	4.750	D	3	BCFJF
PS-4201	1.500	E	3	VCFZF
PS-4204	1.250	C	1	QRFLF
PS-4206	1.375	T	3	VCFJF(316SS)
PS-4209	5.000	E	3	BCFJF
PS-4210	1.000	E	3	QLFLF
PS-4211	1.250	C	1	BRFLF
PS-4212	1.500	C	3	VCFJF
PS-4214	.500	C	1	BCFJF
PS-4216	1.750	G	1	BLFZF
PS-4217	1.875	K	1	BZ/CFZ/JF
PS-4218	.500	B	—	BCF-F
PS-4219	1.875	C	3	VCFKF
PS-4220	.625	G	1	VCFJF
PS-4221	1.750	E Bal.	3	VCFJF
PS-4222	.625	C	1	QCFLF(316SS)
PS-4223	1.125	D	1	BLFZF
PS-4225	.472	G	1	QCFLF
PS-4226	.625	C	1	VLFLF(316SS)
PS-4228	1.750	E	3	VCFZF(316SS)
PS-4229	.750	C	3	QCFJF
PS-4229-TC-SEAT	.750	C	3	QCFZF
PS-4231	Special	G	1	VCFJF
PS-4232	1.750	E	3	VCFKF
PS-4233	1.750	E	3	BCFZF
PS-4235	2.125	C	3	BCFJF
PS-4236	3.500	R	3	BCFJF
PS-4240	.625	A	1	BCFJF
PS-4243	2.125	E	3	BCFKF
PS-4246	1.250	D	3	BCDLF
PS-4247	1.250	C	1	BRFJF
PS-4248V	.625	B	8	VLFSF
PS-4253	1.000	D Bal.	3	VCFKF(316SS)
PS-4254	1.000	C	1	VCFJF
PS-4255	1.000	D Bal.	3	VCFZF
PS-4261	1.750	E	3	VCFJF
PS-4263	1.750	T	3	VCFJF(316SS)
PS-4265	.750	G	1	BCFJF
PS-4267	.625	G	1	BCFJF
PS-4269	1.625	E Bal.	3	VCFZF(316SS)
PS-4270	1.875	E	3	BLFLF(316SS)
PS-4272	.625	C	1	BCFJF(316SS)
PS-4274	.750	G	32	BCFJF

# PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-4275	.625	G	31	BCFJF
PS-4276	2.125	C	3	VCFKF
PS-4277	1.375	E	3	VLFLF
PS-4278	3.750	E	3	BCFJF
PS-4280	.625	G	1	VCFJF
PS-4283	1.750	T	3	VCFJF/VCFJF
PS-4284	.625	A	1	VCFLF
PS-4285	.750	C	3	VCFKF
PS-4287	2.000	C	3	QCFJF
PS-4288	1.625	C	3	QCFZF
PS-4290	1.750	E	3	QCFLF
PS-4291	2.000	E Bal.	3	BCFZF
PS-4294	2.000	K	1	BL/CFZ/CF
PS-4295	1.125	C	1	VCEZE
PS-4296	2.875	V	3	VCFJF/VCFJF
PS-4297	1.000	D	1	VLZZF
PS-4298	1.187	D	3	NCDKD
PS-4300	1.125	E	3	VCFLF
PS-4301	1.000	K	1	BCFJF/BLFLF
PS-4302	1.125	C	1	BCFJF
PS-4304	1.750	K	1	VZFFZ
PS-4305	1.250	K	1	BLFLF
PS-4306	1.250	E	3	QCFLF
PS-4307	.875	D	3	BCDZF
PS-4308	2.750	C	1	BZFZF
PS-4310	.625	C	25	VLFLF
PS-4311	2.500	K	1	BLFLF
PS-4312	2.000	E	3	BCFKF
PS-4313	.625	C	3 Special	VCFGF
PS-4314	2.125	C	3	QCFZF
PS-4315	1.750	E	3	NCFKF
PS-4318	.875	D	3	NCFLF
PS-4324	3.000	D	3	VCDGF
PS-4326	1.750	E	3	VCFJF(316SS)
PS-4327	1.750	E	1	BCFLF
PS-4328	1.375	C	3	QLFLF
PS-4333	1.875	D	3	BCFJF
PS-4336	1.250	C	3	QCFLF
PS-4343	2.000	K	3	BZ/CFZ/JF
PS-4345	2.000	C	3	BCFJF
PS-4346	.625	C	3	VCFJF(316SS)
PS-4349	.500	G	1	QLFLF
PS-4350	1.000	C	3	QCFZF
PS-4352	3.000	C	3	BLFZF
PS-4353	1.750	K	3	BCFJF
PS-4354	1.500	E	1	BZFZF
PS-4355	.625	A	1	BLFZF
PS-4356	.625	C	1	QCCKF
PS-4357	2.000	G	25	QCFLF
PS-4359	1.000	C	1	BCFJF
PS-4361	1.625	D	1	BLFZF
PS-4362	1.000	K	3	BCFKF
PS-4363	1.500	D	3	BCFGF
PS-4365	1.500	D	3	XLFFZ
PS-4366	2.750	C	3	BLFZF
PS-4367	3.000	C	3	BCFKF
PS-4368	1.500	E	5	QCFZF
PS-4371	.625	A	1	VCFJF
PS-4372	1.750	E	5	QCFZF
PS-4374	1.625	E Bal.	3	BCFJF
PS-4375	.625	D	3	VCFZF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-4376	2.000	E	3	QCFJF
PS-4377	1.250	T	3	BCKFK
PS-4378	3.000	C	1	VLFFZ
PS-4379	1.000	C	1	QCFZF
PS-4380	2.250	E Bal.	3	VCFLF
PS-4381	2.750	C	1	VZFFZ
PS-4383	2.250	E	3	VCDKF
PS-4384	1.375	E	3	XLFLF
PS-4385	1.250	U	2	BCPGF
PS-4388	2.125	T	3	BLFFZ
PS-4389	1.625	C	1	BCFLF
PS-4390	.625	G	1	VLFLF
PS-4391	2.000	U	3	VLFLF
PS-4392	2.625	E	3	QCFLF
PS-4393	3.250	U Bal.	5	BCFZF
PS-4394	1.000	D	3	VLFFZ
PS-4395	.875	C	1	BCELE
PS-4399	1.750	D	3	XCFJF
PS-4400	1.437	R	3	VCFKF
PS-4402	.625	C	3	VCFZF
PS-4403	.625	B	Special	BMFSF
PS-4404	1.500	E	3	VLFFZ
PS-4405	1.750	T	3	VCFJF/VCFLF
PS-4407	1.500	E	1	QLFLF
PS-4408	1.500	D	3	B/VCPKP
PS-4409	2.250	E	3	QCFLF(316SS)
PS-4410	1.750	C	1	BZFZF
PS-4411	2.500	E	1	BLFFZ
PS-4412	1.000	E	3	VCFZF(316SS)
PS-4414	5.000	V	3	BCFKF
PS-4416	2.000	C	3	BCFJF
PS-4417	1.875	E Bal.	3	VCFJF
PS-4418	2.125	E Bal.	3	VCFJF(316SS)
PS-4419	2.000	E Bal.	3	VCFJF
PS-4420	1.375	E Bal.	3	VCFKF(316SS)
PS-4421	1.125	E	3	QCFJF(316SS)
PS-4423	1.500	D Special	3	XLFLF
PS-4424	.625	A	1 Special	VCFJF
PS-4425	1.125	G	1	BLFLF
PS-4426	1.875	K	1	BZ/CFL/JF
PS-4428	1.250	E	1	BCFZF
PS-4429	1.750	E	5	BCFZF
PS-4430	5.000	C	3	VCFJF
PS-4431	1.250	D	3	VLFLF
PS-4432	2.000	E	3	BLFLF
PS-4433	1.375	E	3	XZFLF(316SS)
PS-4434	2.125	E	3	VLFFJ
PS-4435	1.625	D	28	BCFKF
PS-4436	2.125	C	1	VCFJF
PS-4437	2.125	D	2	BCDKF
PS-4438	1.500	C	3	QCFZF
PS-4442	.625	C	3	VCFKF
PS-4443	1.125	C	1	BCFLF
PS-4447	1.500	C	3	VLFFZ
PS-5002	1.687	D	2	BCFKF
PS-5005	2.187	D	2	BCFKF
PS-5011	1.875	C	Plate	BCFGF
PS-5024	2.187	D	2	VCFKF
PS-5039	1.000	C	1	BCFJF
PS-5074	1.375	C	3	BCFKF
PS-5082	1.000	C	1	BCFKF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-5108	.750	C	2	VCFKF
PS-5138	1.125	C	Plate	BCFGF
PS-5194	1.687	D	2	VCFKF
PS-5252	3.000	E	3	BCFKF
PS-5259	1.500	E	3	QCFKF
PS-5342	1.875	C	2	BCFJF
PS-5358	2.250	D	3	Special
PS-5389-CMS	1.750	C	1	BCFJF
PS-5625	.625	Special	1	QC-J-
PS-5676	1.375	C	2	B/VCFJF(316SS)
PS-5676V	1.375	C	2	VCFJF(316SS)
PS-5679	1.875	C	2	QCFJF
PS-5706	2.125	C	2	VCFKF(316SS)
PS-5711	1.375	C	2	B/VCFKF(316SS)
PS-5712	1.875	C	2	B/VCFKF
PS-5717	1.875	C	2	VCFJF
PS-5719	2.187	D	2	QCFKF
PS-5720	1.500	C	2	BCFKF
PS-5721	1.875	C	Plate	VCFGF
PS-6002	2.625	D	3	VCFKF
PS-6005	1.625	C	3	VCFKF
PS-6036	1.250	D	2	VCPFP
PS-6048	1.375	D	3	VCPSP
PS-6055	1.437	E	28	VCPGP
PS-6075	1.625	D	3	VCPSP
PS-6090	1.750	E	3	B/VCFKF
PS-6094	1.875	D	3	VCPSF
PS-6120	2.125	K	3 Special	VCFKF
PS-6121	2.125	K	3 Special	VCFZ/KF
PS-6138	2.500	C	3 Special	VCFKF
PS-6140	2.500	K	3 Special	VCFZF
PS-6141	2.500	K	3 Special	VCFKF
PS-6147	2.500	C	—	NCF-F
PS-6151	2.625	D	—	NCP-P
PS-6154	2.750	C	27	VCFGF
PS-6155	2.750	C	3	VCFKF
PS-6169	3.000	K	3 Special	NCFKF
PS-6171	3.000	K	3 Special	VCFKF
PS-6172	3.000	C	3 Special	VCFKF
PS-6173	3.000	C	3 Special	VCFKF
PS-6174	3.000	E	3	VCDGP
PS-6175	3.000	R	3	NCPGP
PS-6177	3.375	C	3	VCFKF
PS-6180	1.375	C	3	VCFGF
PS-6201	3.250	D	3	VCFJF
PS-6202	3.000	D	1	BZFFZ
PS-6203	3.750	D	3	VCFJF
PS-6204	3.500	C	3	BCFJF
PS-6205	2.750	C	1	BCFJF
PS-6206V	3.000	C	3	VCFJF
PS-6207	2.750	C	3	VCFJF
PS-6213	2.000	C	1	VZFFZ
PS-6216	.625	C	1	VZFFZ
PS-6217	1.750	D	1	VZFLF(316SS)
PS-6218	2.000	C	1	VZFFZ
PS-6219	3.000	D	3	BZFLF
PS-6220	2.750	C	1	BZFLF
PS-6221	3.500	D	3	V/BZFFZ
PS-6224	2.000	C	1	VLFLF
PS-6225	3.000	C	3	VLFLF
PS-6226	3.250	C	3	VLFLF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-6227	3.250	K	3	VCFJF
PS-6228	3.000	K	3	VCFJF
PS-6229	1.250	K	3	BCFJF(316SS)
PS-6230	5.625	D	3	VCFJF
PS-6231	5.375	D	3	VZFLF
PS-6232	3.000	D	3	VZFLF
PS-6233	2.250	C	3	VCFLF
PS-6234	.625	C	1	BCFJF
PS-6237	3.625	T	3	BCFZF
PS-6238	2.000	C	3	BLFLF
PS-6239	2.750	C	3	BLFLF
PS-6240	3.000	C	3	BLFLF
PS-6241	1.750	C	3	BLFLF
PS-6242	1.750	T	3	VCFJF
PS-6243	2.500	T	3	VLFFZ
PS-6244	2.500	T	3	VCFJF
PS-6245	3.500	C	3	BCFKF
PS-6246	1.750	K	1	BCFJF
PS-6247V	2.000	C	3	VCFKF
PS-6248	2.250	C	3	VCFKF
PS-6249	3.000	C	3	BZFFZ
PS-6249-SC-TC	3.000	C	3	BLFFZ
PS-6250	3.000	C	3	VCFKF
PS-6251	3.250	C	3	BZFFZ
PS-6252	3.250	C	3	VCFKF
PS-6253	3.250	C	3	VCFJF
PS-6254	2.500	E	3	BCFJF
PS-6256	3.500	D	3	BLFFZ
PS-6258	3.250	C	3	BCFKF
PS-6259	1.250	G	1	VCFJF(316SS)
PS-6260	1.250	G	1	QCFZF(316SS)
PS-6261	1.250	G	1	QCFJF
PS-6262	1.625	G	1	QCFJF
PS-6263	1.625	G	1	QCFZF(316SS)
PS-6264	1.250	G	1	VCFJF
PS-6265	1.250	G	1	VLFLF
PS-6266	1.250	G	3	BCFLF(316SS)
PS-6267	.625	G	1	QLFLF
PS-6300	1.375	Q	Special	BMPAP
PS-6301	2.250	Q	3	NMPAP
PS-6302	2.250	Q	1	BMPAP
PS-6305	1.000	Q	2	BMDAF
PS-6306	1.000	Q	Special	BMDJF
PS-6308	.687	Q	9	Special
PS-6311	1.625	Q	Special	N/BMDAF
PS-6312	1.000	Q	Special	BMD/PA/NP
PS-6313	.500	Q	1	BCFJF
PS-6317	1.375	Q	9	VMPSP
PS-6318	1.125	Q	9	VMFAF
PS-6321	.500	C	3	BCFKF
PS-6326	1.000	D	3	BCPLF
PS-6328	1.000	D	3	BCPKF
PS-6329	1.000	D	3	NCPKF
PS-6331	1.000	E	3	BCPKF
PS-6334	1.125	E	2	VCPKF
PS-6337	1.250	D	3	BCPKF
PS-6338	1.437	E	3	VCPKF
PS-6339	1.250	D	3	BCPKF
PS-6340	1.437	E	3	BCPKF
PS-6342	1.437	E	3	VCPKF
PS-6344	1.437	E	3	NCPKF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-6348	1.625	E	3	BCPKF
PS-6349	1.625	E	3	VCPKF
PS-6802	1.250	E	1	BCFJF
PS-6812	1.187	C	1	BCFJF
PS-6908	2.750	C	1	BZFZF
PS-7017	1.625	C	3	QCFKF
PS-7020	1.875	E	3	VCFJF
PS-7035	1.750	C	3	QCFZF
PS-7060	2.250	K	3	BCFKF
PS-7064	2.250	C	1	BZFZF
PS-7079	1.500	D	28	VZFZF
PS-7087	.750	D	3	BCPKF
PS-7090	1.750	U	3	BCFKF
PS-7105	1.437	C	3	BCFKF
PS-7105V	1.437	C	3	VCFKF
PS-7130	.875	C	1	BCFJF
PS-7138	2.250	C	1	BCFJF
PS-7138-TC-TC	2.250	C	1	BZFZF
PS-7138V-SC-TC-CMS	2.250	C	1	VLFFZ
PS-7166	1.500	C	3	BCFJF
PS-7172	3.250	D	3	BCFJF
PS-7196	2.000	K	3	BCFJF
PS-7196V	2.000	K	3	VCFJF
PS-7201	1.500	C	1	BCFJF
PS-7207	1.000	C	3	VCFKF
PS-7215	3.000	V	3	BCFJF
PS-7232	1.125	W	2	TCFKF(316SS)
PS-7244	3.250	K	3	BCFKF
PS-7252	1.750	E	1	BCFJF
PS-7277	.750	C	1	BCFJF
PS-7305	.750	C	1	VLFLF(316SS)
PS-7309	2.000	C	3	QCFZF
PS-7323	1.250	K	1	BZ/CFZ/JF
PS-7325	1.125	C	1	QCFZF
PS-7343	1.250	C	3	BCFJF
PS-7352	1.875	K	1	BCFKF
PS-7367	1.437	C	Special	VCFGF
PS-7409	1.500	C	1	VCFJF(316SS)
PS-7431	2.250	K	1	BCFJF
PS-7434	1.000	C	1	BCFJF
PS-7436	1.250	C	3	QCFZF
PS-7488	1.750	E	3	VLFLF
PS-7497	1.625	C	25	B/VCFJF
PS-7497V	1.625	C	25	VCFJF
PS-7514	.750	C	1	BCFJF
PS-7520	.590	C	1	BCFKF
PS-7524	.625	C	1	BCFJF
PS-7524V	.625	C	1	VCFJF
PS-7547	.625	C	1	VLFLF
PS-7561	1.750	E	3	VCFZF
PS-7562	1.500	E	3	QCFZF
PS-7580	2.437	E	3	BCPKP
PS-7587	1.500	W	2	TCFJF(316SS)
PS-7607	1.750	C	3	QCFLF
PS-7613	.750	D	3	NCPKF
PS-7613V	.750	D	3	VCPKF
PS-7616	2.000	U	3	VZFLF
PS-7618	.750	B	11	BCFJF
PS-7632	1.500	C	1	QCFZF
PS-7635	.625	C	3	VCFKF
PS-7652	1.750	D	1	QCDZF

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-7674	1.500	C	3	BCFKF
PS-7679	1.750	C	3	VLFLF
PS-7689	.625	C	1	QCFKF
PS-7694	1.500	C	1	BCFJF
PS-7695	1.375	C Bal.	3	VCFKF
PS-7697	1.375	C Bal.	3	BCFJF
PS-7702	1.375	E Bal.	3	BCFJF
PS-7703	2.625	E Bal.	3	BCFJF
PS-7712	.500	C	1	BMFJF
PS-7719	1.250	E	3	VCFZF
PS-7727	.500	X Special	3	VCFGF
PS-7736	1.750	E	1	QCFZF
PS-7747	1.500	C	1	VCFZF
PS-7749	2.250	E Bal.	3	BCFZF
PS-7750	2.250	C	3	QCFZF
PS-7766	2.250	K	3	BCFJF
PS-7769	1.250	E	3	QCFZF
PS-7773	2.625	E Bal.	3	BCFZF
PS-7774	1.750	E Bal.	3	BCFJF
PS-7781	2.000	C	1	BCFJF
PS-7781-SC-TC	2.000	C	1	BLFZF
PS-7782	2.250	C	1	BCFKF
PS-7787	1.625	E	3	QCDZF
PS-7792V-CMS	1.500	C	1	VLFFZ
PS-7795	1.375	C Bal.	3	BCFKF
PS-7798	1.375	D Bal.	1	BCFKF
PS-7803	1.375	D	1	QCDZF
PS-7805	1.250	C	1	VLFLF
PS-7806	1.625	C	1	VLFLF
PS-7820	1.750	C	1	VLFLF
PS-7821	1.750	E Bal.	3	BCFZF
PS-7827	1.875	E Bal.	3	BCFJF
PS-7835V	3.250	C	3	VCFJF
PS-7839	1.750	E	3	VCFLF
PS-7843	.750	C	1	VCFJF
PS-7853	4.000	E Bal.	3	BCFJF
PS-7859V	.875	E	3	VCFKF(316SS)
PS-7867	1.750	E	—	BCF-F(316SS)
PS-7869	1.875	E	1	QCFZF
PS-7872	.625	C	3	VCFKF
PS-7873	3.000	K	3	BCFJF
PS-7874	1.500	D	3	BLFLF
PS-7875	3.000	C	1	BZFZF
PS-7884	1.875	E Bal.	3	BCFKF
PS-7884V	1.875	E Bal.	3	VCFKF
PS-7889	1.500	E	3	VCFZF
PS-7890	2.000	E Bal.	3	VCFKF
PS-7892	2.000	E Bal.	3	BCFKF
PS-7896	.875	E	3	VCEZE
PS-7898	1.875	E	3	BCFKF(316SS)
PS-7901	1.750	E Bal.	1	BCFJF
PS-7902	1.625	C	1	VCFJF
PS-7908	1.250	C	1	BCFJF(316SS)
PS-7909	2.625	D	3	BCFJF
PS-7910	2.000	E Bal.	1	BCFJF
PS-7918	.984	D	1	VCFKF
PS-7919	1.375	C	3	B/VLFLF
PS-7924	1.750	E	3	VCFLF(316SS)
PS-7927	2.625	E Bal.	3	BCFKF
PS-7929	.625	B	1	VLFLF
PS-7930	1.500	E	3	QCFZF

## PREMIUM SEAL INDEX

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-7933	1.500	E	1	QCFZF
PS-7935	2.375	E	3	VZFLF(316SS)
PS-7936	2.750	E	3	VCFZF(316SS)
PS-7937	1.500	C	1	QLFLF
PS-7938	1.250	C	3 Special	VCFKF
PS-7948	.500	E	Special	BCPKF
PS-7948N	.500	E	Special	NCPKF
PS-7948V	.500	E	Special	VCPKF
PS-7950	1.750	E	3	QCFZF
PS-7953	1.500	C	1	QCFJF
PS-7959	1.750	D	3	VRFZF
PS-7960	.750	E	3	VCPKP
PS-7963	2.000	K	3	BCFJF
PS-7967	1.125	E	2	BCPKF
PS-7971	1.375	G	1	BCFJF
PS-7972	1.250	G	1	BLFLF
PS-7975	1.500	C	3 Special	VCFKF
PS-7985	2.500	E	3	QCFZF
PS-7986	3.750	U	3	BCDKF
PS-7991	1.000	D	25	BCPGP
PS-7993	3.000	T	3	BCFJF
PS-7994	.750	E	3	VCFKF
PS-7998	3.000	C	1	BZFZF
PS-8002	1.500	X Special	3	BCFJF
PS-8003	2.375	X	3	VCFLF(316SS)
PS-8006	1.125	XB2	27	VCFJF(316SS)
PS-8010	1.875	X Bal.	3	VCFZF(316SS)
PS-8020	1.000	XB2	3 Special	VCFJF(316SS)
PS-8028	3.875	X	3	VCFKF
PS-8035	2.125	XB2	27	VCFJF(316SS)
PS-8040	1.625	XB2	27	VCFJF(316SS)
PS-8048	1.375	XT	3	VCFJF(316SS)
PS-8049	1.250	Special	3	NCPKF
PS-8054	3.625	V	3	BCFKF
PS-8057	2.125	XB2	27	VCFJF(316SS)
PS-8058	1.750	X	3	VCFLF(316SS)
PS-8059	1.875	XBT	3	QCFZF(316SS)
PS-8060	4.375	X	3	VCFKF(316SS)
PS-8064	.750	X	3	BLFLF(316SS)
PS-8065	.875	X	3	BLFLF(316SS)
PS-8066	.250	X Special	1	QCFLF
PS-8067	4.750	XB1	3	BCFLF(316SS)
PS-8069	2.375	X Bal.	3	VCFLF(316SS)
PS-8073	1.250	X	28	VCFKF(316SS)
PS-8074	1.187	X Bal.	3	Special
PS-8076	1.875	XT	3	VCFJF(316SS)
PS-8077	1.875	X Special	3	VCFJF(316SS)
PS-8079	1.437	XB5	3	Special
PS-8086	3.125	X	3	VCFZF(316SS)

U.S. Seal Mfg. Part No.	Shaft Dia.	Head Type	Mating Ring	Material Code
PS-8087	5.000	X	3	VLFZF(316SS)
PS-8091	1.000	X	3	VCFRF(316SS)
PS-8095	1.250	XB2	27	VCFLF(316SS)
PS-8100	.250	X Special	1	QCFLF
PS-8101	.750	X Special	5	QCFZF(316SS)
PS-8102	2.750	X Bal.	3	VCFZF(316SS)
PS-8103	2.500	XB1	3	VCFZF(316SS)
PS-8104	.625	XA	9	YCFKF
PS-9003	1.250	WT	2	TCFKF(316SS)
PS-9007	1.000	W	Special	TCFJF(316SS)
PS-9017	1.625	WT	28	TCFKF(316SS)
PS-9018	1.000	W	27	TCFJF(316SS)
PS-9023	1.750	WT	3	T/VCJF(316SS)
PS-9106	1.750	W	2	TCFJF(316SS)
PS-9119	1.875	WT	3	Q/TCFZF(316SS)
PS-9122	2.125	W	2	TCFJF(316SS)
PS-9140	3.000	W	2	TCFJF(316SS)
PS-9155	.625	W	2	TLFLF(316SS)
PS-9227	1.437	W	2	TCFKF(316SS)
PS-9304	1.437	W	2	TCFKF(316SS)
PS-9307	1.437	W	2	TCFOF(316SS)
PS-9309	.625	W	3	HRFRF(316SS)
PS-9313	1.000	W	2	TCFKF(316SS)
PS-9314	2.750	W	2	TCFJF(316SS)
PS-9320	.500	W Special	Special	TCPKF(316SS)
PS-9321	.625	W	2	TCFKF(316SS)
PS-9322	.625	WT	28	TCFOF(316SS)
PS-9323	.750	W Special	2	TCFKF(316SS)
PS-9324	.750	W	2	TCFKF(316SS)
PS-9325	.750	W Special	2	TCFOF(316SS)
PS-9327	1.125	W	2	TCFOF(316SS)
PS-9328	1.125	W	28	TCFKF(316SS)
PS-9329	1.125	W	28	Special(316SS)
PS-9330	1.437	W	Special	TCFKF(316SS)
PS-9331	1.437	W	28	Special(316SS)
PS-9332	1.625	WT	28	TCFOF(316SS)
PS-9333	2.437	W	28	TCFKF(316SS)
PS-9334	1.000	W	2	TCFOF(316SS)
PS-9337	3.500	W	3	T/VCZF(316SS)
PS-9338	1.062	W	27	TCFKF(316SS)
PS-9339	.750	W	2	TCFJF(316SS)
PS-9349	1.000	WT	27	TCFZF(316SS)
PS-9351	4.000	W	2	TCFJF(316SS)
PS-9352	3.500	W	3	T/VCFKF(316SS)
PS-9700	.970	C	1	VCFJF
T9-1000	1.000	WT	—	TCF-F(316SS)
T9-1125	1.125	WT	—	TCF-F(316SS)
T9-1375	1.375	WT	—	TCF-F(316SS)

DEMAND QUALITY . . .

DEMAND U.S. SEAL MFG.

# UNABLE TO FIND THE SEAL YOU REQUIRE?

Complete this worksheet and fax to U.S. Seal Mfg. at 877-849-7325

OR

E-mail completed worksheet and pictures to info@ussealmfg.com

## EQUIPMENT DATA

1. Pump Mfg. Name. (Found on Nameplate) \_\_\_\_\_
2. Model Number \_\_\_\_\_
3. Serial Number \_\_\_\_\_
4. Seal Part Number \_\_\_\_\_

## SEAL DESIGN - See Front Cover Fold-Out

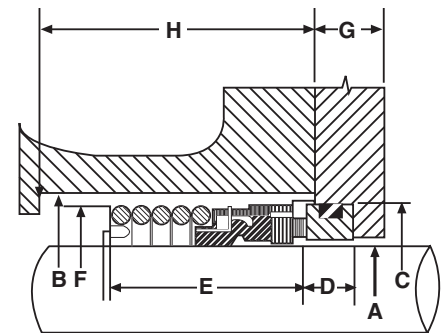
1. Head Type \_\_\_\_\_
2. Mating Ring Type \_\_\_\_\_
3. Manufacturer \_\_\_\_\_
4. Manufacturers' Part Number \_\_\_\_\_

## OPERATING CONDITIONS - \*This Section MUST Be Completed\*

1. Product Handled \_\_\_\_\_
2. If Concentrated, What % ? \_\_\_\_\_
3. Temperature F. \_\_\_\_\_ C. \_\_\_\_\_

## DIMENSIONAL DATA

- A. Shaft / Sleeve OD \_\_\_\_\_
- B. Counterbore of Stuffing Box \_\_\_\_\_
- C. Bore of Gland for Mating Ring Unit or Housing \_\_\_\_\_  
If pump is equipped with a stuffing box,  
what is the counterbore? \_\_\_\_\_
- D. Width of Mating Ring \_\_\_\_\_
- E. Operating Height of Seal \_\_\_\_\_
- F. OD of Seal \_\_\_\_\_



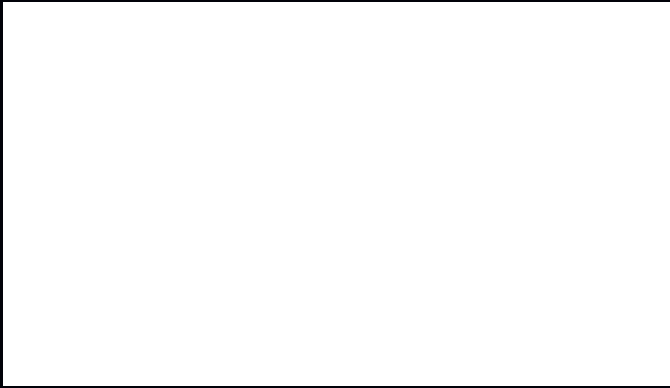
Your Name and Company \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail \_\_\_\_\_

## Need To Send a Sample For Identification?

- Please include this completed form.
- It is most important that we know the service conditions. i.e. What Are You Pumping?
- Samples must be clean. Please include a copy of the MSDS form.
- Please Note - **Seals received not cleaned will be returned without identification.**



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