Service Parts Kits

Pump Models

PP86S20 SC86S20 VP86S20

The mechanical seal kit and bearing frame kit are offered separately. We recommend ordering both kits for a major service.

Both the Mechanical Seal and Bearing Frame kits include all of the O-rings needed for service.

Part Number	Description
372000125	Mechanical Seal Repair Kit, includes O-rings
373000120	Bearing Frame Repair Kit, includes O-rings

PN 372000125 Mechanical Seal Kit

Qty	Item #	Description
1	30400190	Mechanical Seal
1	1142710435	Thrust Washer
1	1272110511	Shim .010"
1	1272110512	Shim .015"
2	30148390	O-Ring, Volute
1	30148165	O-Ring, Bearing Cap
4	30148018	O-Ring, Oil Return
1	30148273	O-Ring, Bracket Capscrew
1	30148154	O-Ring, Seal Gland
1	30500172	Lip Seal, Inboard
1	300500173	Lip Seal, Outboard
1	34800105	Loctite 263, 0.5ML
1	34800104	P-80 Lubricant, 10ML

PN 373000120 Bearing Frame Kit

Qty	Item #	Description
1	32000103	Bearing Washer
1	32100103	Bearing Nut
1	31900118	Bearing
2	31900201	Bearing
3	31858118	Tapered Ruber Plug
1	12721104	Shim .005"
1	12721105	Shim .010"
1	12721106	Shim .015"
2	30148390	O-Ring, Volute
1	30148165	O-Ring, Bearing Cap
4	30148018	O-Ring, Oil Return
1	30148273	O-Ring, Bracket Capscrew
1	30500185	Cassette Seal
1	30500176	Cassette Seal
1	300500172	Lip Seal, inboard
1	300500173	Lip Seal, Outboard

310 South Sequoia Parkway ■ Canby, OR 97013 ■ Phone (503) 266-4115 ■ Fax (503) 266-4116

www.pioneerpump.com

Ordering Information

Parts Kits are in stock and available for shipment within 2 business days.
Please call or fax orders. Phone (503) 266-4115, Fax (503) 266-4116.
Email: Canbyparts@pioneerpump.com.

Part Number	Description
372000125	Mechanical Seal Kit
373000120	Bearing Frame Kit

Optional Parts

Additional replacement parts for this model.

Model	Description	Part Number
86S20	Impeller, CA6	1123012467
86S20	Impeller, Chrome Iron	1120712467
86S20	Impeller, CD4	1122912467
86S20	Impeller Wear Ring, Cast Iron	1090210446
86S20	Wear Ring, Cast Iron	1090210445
86S20	Wear Plate, Cast Iron	1341810447
86S20	Impeller Wear Ring, 420SS	1092610446
86S20	Wear Ring, 420SS	1092610445
86S20	Wear Plate, 420SS	1341810447
86S20	Impeller Wear Ring, 316SS	1092210446
86S20	Wear Ring, 316SS	1092210445
86S20	Wear Plate, 316SS	1342210447
86S20	Shaft, 17-4	1202713103

Notes:

1. Part numbers listed reflect updated part numbers as of July 11, 2016. Older documentation may have different part numbers. Please consult factory if differences appear.
2. Viton O-rings are included when available.

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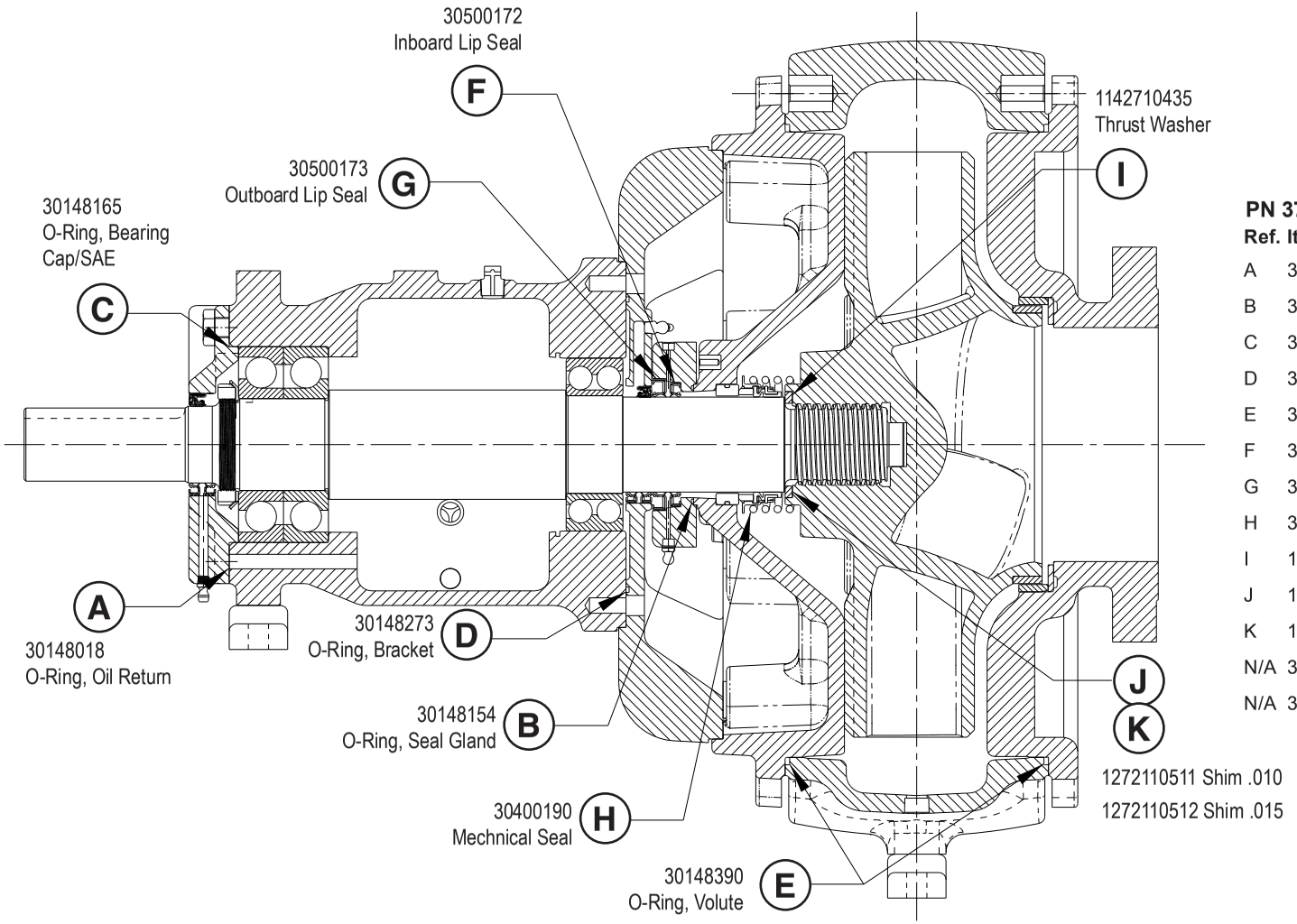
Parts Drawing - 372000125 Mechanical Seal Parts Kit

Pump Models
86S20



PN 372000125 Mechanical Seal Kit

Ref.	Item Number	Description	Qty.
A	30148018	O-Ring, Oil Return	4
B	30148154	O-Ring, Seal Gland	1
C	30148165	O-Ring, Bearing Cap/SAE	1
D	30148273	O-Ring, Bracket	1
E	30148390	O-Ring, Volute	2
F	30500172	Inboard Lip Seal	1
G	30500173	Outboard Lip Seal	1
H	30400190	Mechanical Seal	1
I	1142710435	Thrust Washer	1
J	1272110511	Shim, .010" Thick	1
K	1272110512	Shim, .015" Thick	1
N/A	34800104	P-80 Lubricant, 10 mL	1
N/A	34800105	Loctite 263, 0.5 mL	1

Apply Marine Grade Anti-Seize to shaft threads before re-installing the impeller

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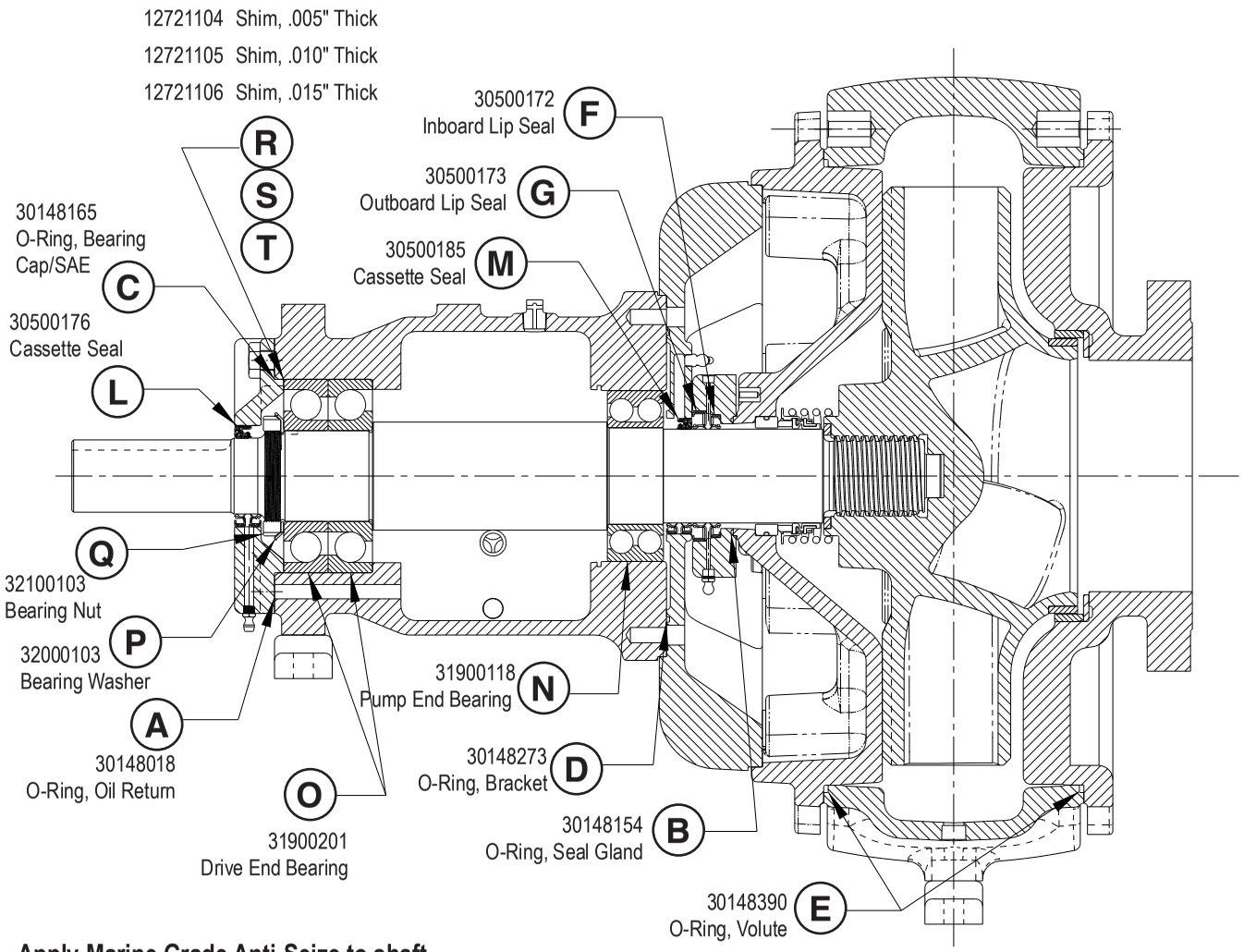
Parts Drawing - 373000120 Bearing Frame Parts Kit

Pump Models
86S20



PN 372000120 Bearing Frame Kit

Ref.	Item Number	Description	Qty.
A	30148018	O-Ring, Oil Return	4
B	30148154	O-Ring, Seal Gland	1
C	30148165	O-Ring, Bearing Cap/SAE	1
D	30148273	O-Ring, Bracket	1
E	30148390	O-Ring, Volute	2
F	30500172	Inboard Lip Seal	1
G	30500173	Outboard Lip Seal	1
L	30500176	Cassette Seal	1
M	30500185	Cassette Seal	1
N	31900118	Pump End Bearing	1
O	31900201	Drive End Bearing	2
P	32000103	Bearing Washer	1
Q	32100103	Bearing Nut	1
R	12721104	Shim, .005" Thick	1
S	12721105	Shim, .010" Thick	1
T	12721106	Shim, .015" Thick	1
N/A	31858118	Tapered Rubber Plug	3

Apply Marine Grade Anti-Seize to shaft threads before re-installing the impeller

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