



# P750V&X SERIES PUMP REPAIR KITS

## REPAIR KIT NO. - RK750V300-□□(1)-□□(2)

PART NUMBER	DESCRIPTION	QUANTITY
BR-126-90	O-RING-BODY SEAL / BUNA N	1
CV202288	DISCHARGE CHECK VALVE	1
CV202298	SUCTION CHECK VALVE	1
MC300-02BR	PISTON U-CUP / BUNA N	1
PP302263-□□(1)	PISTON / PLUNGER ASSEMBLY	1
SS750V-□□(2)	PLUNGER SEAL SET	1
22471	SPRING - PISTON RETURN	1
G321M1	1 OZ. SILICONE GREASE	1

## REPAIR KIT NO. - RK750V400-□□(1)-□□(2)

PART NUMBER	DESCRIPTION	QUANTITY
BR-126-90	O-RING-BODY SEAL / BUNA N	1
CV202288	DISCHARGE CHECK VALVE	1
CV202298	SUCTION CHECK VALVE	1
MC400-02BR	PISTON U-CUP / BUNA N	1
PP201943-□□(1)	PISTON / PLUNGER ASSEMBLY	1
SS750V-□□(2)	PLUNGER SEAL SET	1
22471	SPRING - PISTON RETURN	1
G321M1	1 OZ. SILICONE GREASE	1

## SEAL KIT NO. - SK750V300-□□(2)

PART NUMBER	DESCRIPTION	QUANTITY
BR-016	O-RING-STROKE ADJUSTER / BUNA N	1
BR-111	O-RING-STROKE ADJUSTER / BUNA N	1
BR-126-90	I-RING-BODY SEAL / BUNA N	1
MC102171	PISTON GUIDE RING	1
MC300-02BR	PISTON U-CUP / BUNA N	1
SS750V-□□(2)	SEAL SET	1
G321M1	1 OZ. SILICONE GREASE	1

## SEAL KIT NO. - SK750V400-□□(2)

PART NUMBER	DESCRIPTION	QUANTITY
BR-016	O-RING-STROKE ADJUSTER / BUNA N	1
BR-111	O-RING-STROKE ADJUSTER / BUNA N	1
BR-126-90	I-RING-BODY SEAL / BUNA N	1
MC102171	PISTON GUIDE RING	1
MC400-02BR	PISTON U-CUP / BUNA N	1
SS750V-□□(2)	SEAL SET	1
G321M1	1 OZ. SILICONE GREASE	1

RK750V300 **A** **P****E**

- A** - 17-4 (-01)
- B** - 316 SS (-02)
- C****R** - Ceramic (-04)

PLUNGER<sup>(1)</sup>

SEALS<sup>(2)</sup>

- P****E** - Polyethylene
- T****G** - Teflon<sup>®</sup> Graphite
- T****C** - Teflon<sup>®</sup> Composite
- V** - Viton<sup>®</sup>
- B****R** - Buna N
- K** - Kalrez<sup>®</sup>\*

### ALTERNATE PLUNGER SEAL SETS

PART NO.	MATERIAL	PRESSURE RANGE (PSI)
SS750V-PE	Polyethylene (PE)	100-5000
SS750V-V	Viton <sup>®</sup> (V)	100-750
SS750V-BR	Buna N (BR)	100-750
SS750V-K	Kalrez <sup>®</sup> (K)	100-750
SS750V-EPR	Ethylene Propylene (EPR)	100-750
SS750V-TC	Teflon <sup>®</sup> Composite (TC)	100-5000

**(1) & (2):** To order the proper plunger and seal materials, please indicate the appropriate letter as shown in the example below. The letters following the dash for the piston plunger assembly (PP201943) and plunger seal set (SS750V) will correspond to the material chosen in the repair kit number.

\* Equivalent material substitution without notice.

# P750V & X SERIES PARTS LIST

ITEM	DESCRIPTION	NO. REQ'D	P750V300	P750V400 P750X400
1	STROKE ADJUSTER ASSEMBLY	1	91611	91611
2	HEX NIPPLE 3/8" NPT	1	HN1438316	HN38316
3	MOTOR CYLINDER	1	MC202169	MC302172
4	DRIVE SCREWS - DATA PLATE	3	S2316D	S2316D
5	DATA PLATE	1	DP202627	DP201962
6	U-CUP - PISTON, BUNA N	1	MC300-02BR	MC400-02BR
7	GUIDE RING - PISTON	1	MC102171	MC102174
8	ASSY - PISTON/PLUNGER (See Note 1)	1	PP302263- <sup>(1)</sup>	PP201943- <sup>(1)</sup>
9	SPRING - PISTON RETURN	1	22471	22471
10	FACE PLATE - CYLINDER	1	MC202400	MC201961
11	SCREW, 8-32 X 1/2", SS	12	A83212SHCS	A83212SHCS
12	WASHER, #8 SPLIT LOCK, SS	12	W8L	W8L
13	ASSY - BODY & FLUID CYLINDER	1	PP301948	PP301948
14	RETAINER - SPRING SEAT	1	MC101951	MC101951
15	SEAT - SPRING	1	MC201952	MC201952
16	DISC - FILTER, 60 MICRON, SS	4	MC102360	MC102360
17	RETAINER - FILTER DISC	4	MC102150	MC102150
18	PLUG - VENT, 1/16" NPT	1	PP102143	PP102143
19	PLUG - 1/8" NPT	2	OS601	OS601
20	O-RING - BODY SEAL, BUNA	1	BR-126-90	BR-126-90
21	PLUNGER SEAL SET (NOTE 2)	1	SS750V- <sup>(2)</sup>	SS750V- <sup>(2)</sup>
22	BLEEDER PLUG W/HOSE BARB	1	BV202139	BV202139
23	ASSY - CV8 DISCHARGE CHECK VALVE	1	CV202288	CV202288
23a	CHECK VALVE BODY	1	CV202290	CV202290
23b	SPRING	1	CV102046	CV102046
23c	7/16" BALL - 316SS	1	CV102313	CV102313
23d	BALL SEAT	1	CV202291	CV202291
23e	SLEEVE	1	CV202292	CV202292
23f	O-RING - TEFLON	1	T-012	T-012
23g	RETAINER - SLEEVE	1	CV202293	CV202293
24	ASSY - CV12 SUCTION CHECK VALVE	1	CV202298	CV202298
24a	CHECK VALVE BODY	1	CV202299	CV202299
24b	9/16" BALL - 316SS	1	CV102314	CV102314
24c	SLEEVE	1	CV202300	CV202300
24d	O-RING - TEFLON	1	T-112	T-112
24e	RETAINER - SLEEVE	1	CV202303	CV202303
25	SEALING RING	1	OR101954	OR101954
			RK750V300- <sup>(1)</sup> <sub>(1)</sub>	RK750V300- <sup>(1)</sup> <sub>(1)</sub>
			SK750V300- <sup>(2)</sup> <sub>(2)</sub>	SK750V300- <sup>(2)</sup> <sub>(2)</sub>
			SS750V- <sup>(2)</sup> <sub>(2)</sub>	SS750V- <sup>(2)</sup> <sub>(2)</sub>

**Note 1: PLUNGER (item #6)** Designate the proper plunger material by adding the proper suffix to the base number:  
for 17-4 pH (01), for 316 SS (02), and for Ceramic (04).

**Note 2: PLUNGER SEAL SETS (item #21)** Designate the proper seal material by adding the proper suffix to the base part number:  
for Buna N (BR), Ethylene Polypropylene (EPP), or Kalrez® (K), Polyethylene (PE), Teflon® Composite (TC), or Viton® (V).

**REPAIR KITS:** The items identified with the symbol are contained in a complete pump repair kit. Controller and relay repair kits must be ordered separately.

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