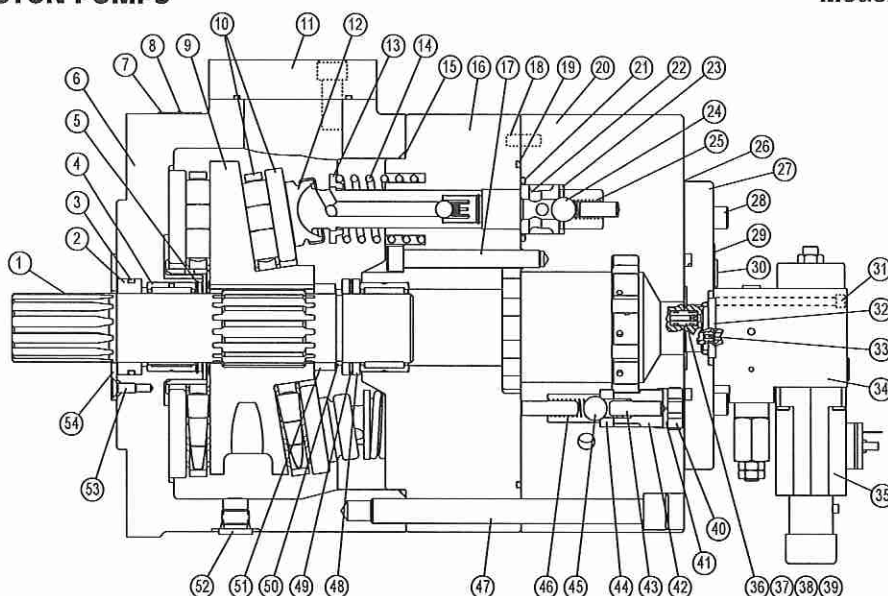




CHECKBALL PISTON PUMPS

Model: PV6070-3462



PARTS LIST (See kit information on reverse side)

ID Number	Part Number	Description	Quantity Required
1	11832880	Shaft	1
2	See Kit Table	Bushing	1
3	See Kit Table	O-ring (Bushing)	1
4	10121550	Shaft Bearing (Housing & Barrel)	2
5	10930490	Retaining Ring	1
6	29509000	Housing	1
7	11370260	Nameplate (On Housing)	1
8	10010030	Screw (Used on Two Nameplates)	4
9	14571010	Wobble (Cam) Plate	1
10	10951550	Thrust Bearing Set ⁽¹⁾	2
11	KP60709090	Inlet Port Blanking Kit	2 ⁽²⁾⁽³⁾
12	29639000	Piston Subassembly	10
13	11101600	Piston Retainer	10
14	11231100	Spring (Piston Return)	10
15	See Kit Table	O-ring (Housing/Barrel)	1
16	12300500	Barrel	1
17	16550280	Socket-head Capscrew	5 ⁽⁴⁾
18	90010610	Locating Pin	2
19	See Kit Table	O-ring (Barrel/Cover)	1
20	30519000	Cover	1
21	See Kit Table	O-ring (Outlet Seat)	10
22	10472900	Outlet Seat	10
23	See Kit Table	Seal (Outlet Seat)	10
24	10190160	Checkball (Outlet)	10
25	11521100	Spring (Outlet)	10
26	See Kit Table	Gasket (Control Cover)	1
27	30729000	Control Cover	1
28	10710280	Socket-head Capscrew (Control Cover)	6 ⁽³⁾
29	11380260	Nameplate (On Control Cover)	1

① One thrust bearing set consists of one thrust bearing and one thrust plate. Two sets (inner and outer) are required.

② Kit contains inlet plate (1), hex-head bolt (4) and o-ring (1).

③ Torque to 35 lb-ft (47 N-m).

④ Torque to 75 lb-ft (102 N-m).

ID Number	Part Number	Description	Quantity Required
30	13450060	Plug (With O-ring)	1 ^⑤
31	16610280	Socket-head Capscrew (Compensator)	4 ^⑥
32	50150060	Plug	1 ^⑦
33	10820270	Set Screw (Orifice)	1 ^⑧
34	KP60709032	Pressure Compensator Subassembly	1 ^⑨
35	11222520	Solenoid	1 ^⑩
36	10842680	Tube	1
37	10310270	Set Screw (Orifice)	1 ^⑧
38	See Kit Table	Backup Washer	2
39	See Kit Table	O-ring	2
40	13750060	Retainer (Control Sleeve)	10 ^⑪
41	11381080	Control Plate	10
42	11012320	Control Sleeve	10
43	10780610	Control Pin	10
44	10592900	Control Seat	10
45	10190160	Control Ball	10
46	11531100	Control Spring	10
47	14370280	Socket-head Capscrew	10 ^⑪
48	10441550	Thrust Washer	2
49	10431550	Thrust Bearing	1
50	10990490	Ring	1
51	10421320	Spacer	1
52	50090060	Drain Plug	3 ^③
53	10250480	Screw (Retainer Plate)	4 ^⑤
54	12411010	Retainer Plate (Shaft Seal)	1

⑤ Torque to 25 lb-ft (34 N-m).

⑥ Torque to 6 lb-ft (8 N-m).

⑦ Torque to 50 lb-ft (68 N-m).

⑧ Apply Loctite #242 or equivalent.

⑨ Kit contains compensator subassembly 30529000, which includes solenoid 11222520. The solenoid can be ordered separately. If the compensator requires servicing, it should be replaced as a complete assembly.

⑩ Apply Loctite #242 or equivalent. Torque to 155 lb-ft (210 N-m).

⑪ Torque to 180 lb-ft (244 N-m).

⑫ Apply Loctite #242 or equivalent. Torque to 100 lb-in (11 N-m).

ORDERING KITS

Seals and o-rings are available only in kit *KP60709013*.

Other parts are available either individually or as part of the *Outlet Kit* and the *Shaft and Bearing Kit* shown in the table.

Standard practice for hydraulic service recommends replacing all o-rings and seals, as well as springs in the outlet and control sections.

Refer to *Bulletin PSI.PV6070.3462* for instructions on disassembly, inspection, reconditioning and reassembly.

KIT NUMBERS

		Contents of Kit	
Description: Kit Number	Item Number	Description	Quantity
Pos 6 Pos 7 Seal Kit: <i>KP60709013</i>	2	Bushing	1
	3	O-ring (Bushing)	1
	15	O-ring (Housing/Barrel)	1
	19	O-ring (Barrel/Cover)	1
	21	O-ring (Outlet Seal)	10
	23	Seal (Outlet Seat)	10
	26	Gasket (Control Cover)	1
	38	Backup Washer	2
	39	O-ring (Tube)	2
	-	O-ring (Compensator) ^①	3
Pos 11	22	Outlet Seat	10
	24	Checkball (Outlet)	10
	25	Spring (Outlet)	10
	40	Retainer (Control Sleeve)	10
	41	Control Plate	10
	42	Control Sleeve	10
	43	Control Pin	10
	44	Control Seat	10
	45	Control Ball	10
	46	Control Spring	10
Shaft and Bearing Kit: <i>KP60709042</i>	1	Shaft	1
	4	Bearing (Shaft)	2
	5	Retaining Ring	1
	9	Wobble (Cam) Plate	1
	10	Thrust Bearing Set	2
	48	Thrust Washer	2
	49	Thrust Bearing	1
	50	Ring	1
	51	Spacer	1

① The *KP60709013* pump seal kit includes the o-rings (Part Number 10122030, not shown in parts list) which should be replaced when remounting the pressure compensator. These o-rings are also included when ordering a new pressure compensator subassembly (*KP60709032*).

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