

Parts List - BP8085

<u>Item</u>	<u>Part</u>	<u>Description</u>	<u>Qty</u>	<u>Item</u>	<u>Part</u>	<u>Description</u>	<u>Qty</u>
1	04293	Crankcase	1	48	04945	Intermediate Casing	1
2	06893	Oil Filler Plug Assy with Vent	1	49	04946	Stud Bolt	8
5	22929	Copper Washer	2	49A	13160	Hexagon Nut	8
6	12256	Plug	1	50	04947	Valve Casing	1
7	05381	Plug, 3/8" BSP	1	50A	13162	Centering Stud	4
8	01008	Oil Dipstick Assembly	1	50B	04948	Discharge Valve Casing	1
9	01009	O-Ring	1	51	04949	Valve Assembly	6
12	07109	Plug, 1/2" BSP	2	51A	04950	Spring Tension Cap	6
13	06272	Seal	2	51B	04951	Guide Sleeve	6
14	05036	Bearing Cover, Closed	1	51C	05080	Valve Spring	6
14A	04933	Bearing Cover, Open	1	51D	04952	Valve Plate	6
15	05112	Radial Shaft Seal	1	51E	04953	Valve Seat	6
16	05037	O-Ring	2	51F	04954	Guide Ring	6
17	05038	Hexagon Socket Screw	16	51G	04955	O-Ring	6
18	05039	Spring Ring	16	51H	07193	O-Ring	6
21	05044	Tapered Roller Bearing	2	52	04956	Suction Valve Tension Element	3
21A	05042	Fitting Disc	1-5	52A	04957	Cotter Bolt	9
21B	05043	Fitting Disc	1-5	52B	04958	Tension Disc	3
22	05299	Crankshaft	1	52C	07918	Pressure Spring	9
23	05104	Fitting Key	1	52D	04959	Spring Tension Element	3
24	05047	Connecting Rod Assembly	3	52E	04960	Cotter	9
25	05048	Crosshead c/w Plunger	3	53	04961	Discharge Valve Tension Element	3
28	05049	Crosshead Pin	3	53A	04962	Plate Spring Holder	3
30	05052	Cover Plate	1	53B	04963	Plate Spring Guide	3
30A	07225-0100	Hexagon Screw	5	53C	04698	Plate Spring	18
30B	13136	Grommet	5	53D	04964	O-Ring	3
30C	05053	Washer	5	56	04965	Discharge Valve Adaptor	3
31	07623	Eye Bolt	3	56A	04955	O-Ring	3
32	05058	Radial Shaft Seal	3	56B	04966	O-Ring	3
33	05055	Seal Retainer	3	58	05087	Hexagon Socket Screw	12
33A	05056	O-Ring	3	59	07109	Plug 1/2" BSP	3
33B	05054	Clip Ring	3	59A	06272	Copper Seal	3
33C	05059	Fitting Disc	3	60	13322	Plug 1-1/2" BSP	1
36A	04934	Plunger Pipe Cover	3	61	05088	Plug 3" BSP	1
36B	04935	Plunger Pipe	3	68	04967	Mounting Aid for Valve (not shown)	1
36C	04936	Tension Screw	3		04968	Readjustment Tool	1
36D	07665-0100	Seal Ring	3				
36E	06900	Centering Sleeve	3	78	04969	Oil Cooler Assembly	1
36F	22704	O-Ring	3	K1	05026	Cooling Vane Plate	1
36G	12092	O-Ring	3	K2	05027	Seal for Gear Cover	2
38	04937	Seal Case	3	K3	05028	Gear Cover	1
38A	05056	O-Ring	6	K4	05029	Hexagon Head Countersunk Screw	4
39	04938	Adjusting Ring	3				
40	04939	Support Ring	3	K5	07381	Hexagon Socket Screw	8
41	04940	Guide Ring	6	K6	08041	Washer	8
42	04941	Spiral Ring	6	K8	06272	Copper Seal	4
43	04942	Spacer	3	K9	07109	Plug, 1/2" BSP	2
44	04943	Lubrication Ring	3	K10	05031	Connecting Branch	2
46	04944	Pressure Sleeve	3	K18	04158	Hexagon Socket Screw	4
47	04374	Zerk Fitting	3	K19	05053	Washer	4

Repair Kits - BP8085

Plunger Packing Kits - #09822

Item	Part #	Description	Qty.
38A	05056	O-Ring	6
40	04939	Support Ring	3
41	04940	Guide Ring	6
42	04941	Spiral Ring	6

Valve Repair Kit - #09823

Item	Part #	Description	Qty.
51	04949	Valve Assembly	6
56A	04955	O-Ring	3
56B	04966	O-Ring	3

Oil Seal Kit - #09584

Item	Part #	Description	Qty.
32	05058	Radial Shaft Seal	3
33A	05056	O-Ring	3

Preventative Maintenance Check-List & Recommended Spare Parts List						
Check	Daily	Weekly	50hrs	Every 500 hrs	Every 1500 hrs	Every 3000 hrs
Oil Level/Quality	X					
Oil Leaks	X					
Water Leaks	X					
Belts, Pulley		X				
Plumbing		X				
Recommended Spare Parts						
Oil Change p/n 1154			X	X		
Seal Spare Parts (1 kit/pump) (This page for kit list)					X	
Oil Seal Kit (1 kit/pump) (This page for kit list)					X	
Valve Kit (1 kit/pump) (This page for kit list)						X

BP8085 Torque Specifications/Lubrication Information

Position	Item#	Description	Lubrication	Torque Amount
1	04293	Crankcase	Molycote Cu-Paste	
17	05038	Hexagon Socket Screw		64 ft.-lbs. (87 Nm)
24	05047	Connecting Rod Assembly		36.8 ft.-lbs. (50 Nm)
32	05058	Radial Shaft Seal	Loctite 403	
36C	04936	Tension Screw	Loctite 243	29.5 ft.-lbs. (40 Nm)
49	04946	Stud Bolt	Loctite 243	
49A	13160	Hexagon Nut		265 ft.-lbs. (360 Nm)
52B	04958	Tension Disc	Molycote Cu-Paste	
58	05087	Hexagon Socket Screw	Loctite 243/Molycote Cu-Paste	
K4	05029	Hexagon Head Countersunk Screw		132 in.-lbs.(15 Nm)
K5	07381	Hexagon Socket Screw		33 ft.-lbs. (45 Nm)
K9	07109	Plug, 1/2" BSP		59 ft.-lbs. (80 Nm)