

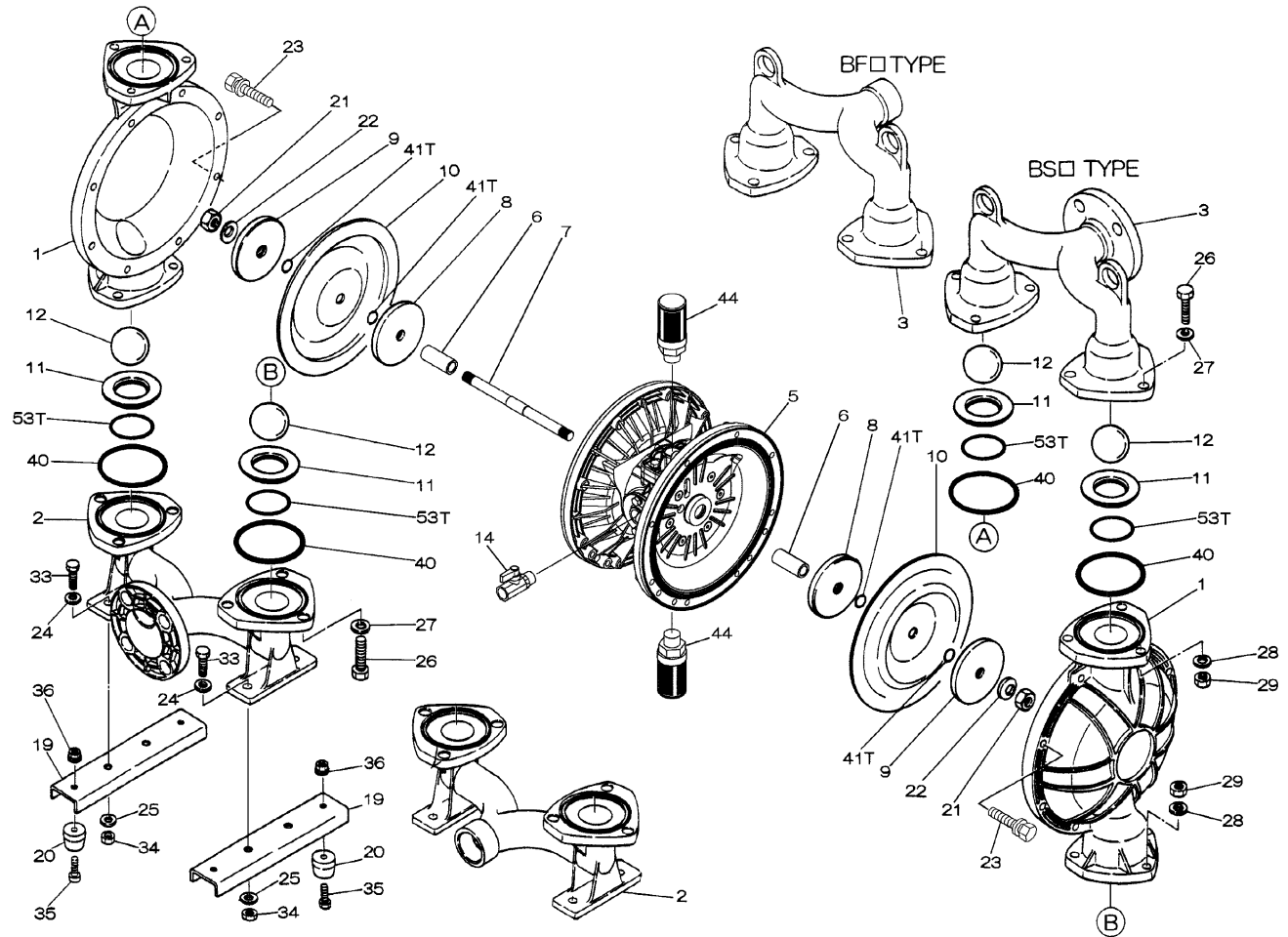
EXPLODED VIEW & PARTS LISTING

Model: DP-40BFT-HD (XDP)

Part#: 854383

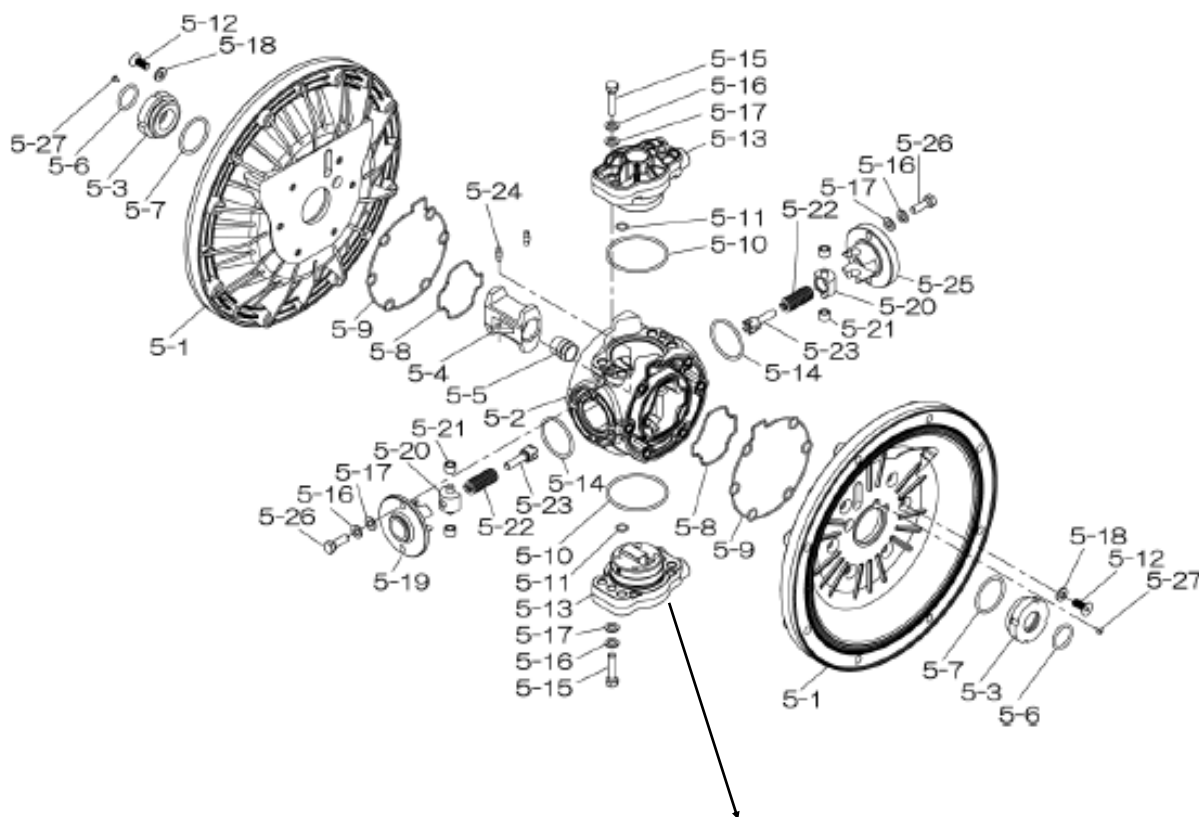


Air Operated Double Diaphragm Pump

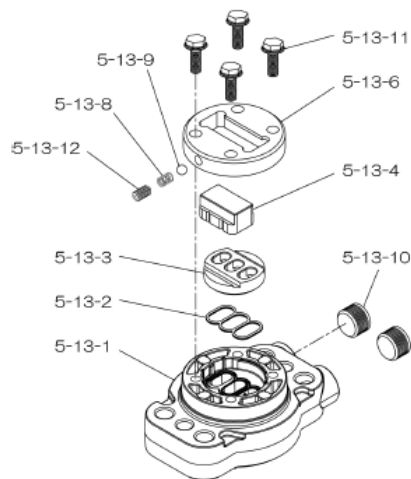


Air Operated Double Diaphragm Pump

804850 Center Body Assembly



804784 Valve Body Assembly

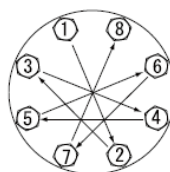


Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.	REORDER
1	713156	OUT CHAMBER 40FC	2	
2	713168	IN MANIFOLD 40FC	1	
3	713165	OUT MANIFOLD 40FC	1	
5	804850	CENTER BODY ASSY DP-40T-HD	1	
5- 1	716215	AIR CHAMBER	2	
5- 2	716256	BODY	1	
5- 3	773095	THROAT BEARING	2	
5- 4	716214	SHUTTLE (CS)	1	
5- 5	773047	CENTER ROD GUIDE	1	
5- 6	640023	O RING	2	
5- 7	640133	O RING	2	
5- 8	773040	GASKET	2	
5- 9	773041	GASKET	2	
5-10	640138	O RING	2	
5-11	640007	O RING	8	
5-12	683812	FLAT SOCKET	12	
5-13	804784	VALVE BODY ASSY	2	
5-13- 1	716244	VALVE BODY	1	
5-13- 2	773042	GASKET	1	
5-13- 3	716246	SEAT	1	
5-13- 4	773425	BLOCK	1	
5-13- 6	773426	GUIDE PLATE	1	
5-13- 8	706612	SPRING INK	1	
5-13- 9	686271	BALL	1	
5-13-10	772934	PLUG	2	
5-13-11	602300	TAPPING BOLT	4	
5-13-12	610025	HEX. SOCKET HEAD SCREW	1	
5-14	640134	O RING	2	
5-15	611153	BOLT	4	
5-16	631420	SPRING WASHER	8	
5-17	631013	WASHER FLAT	8	
5-18	684987	WASHER	12	
5-19	716249	RETAINER	1	
5-20	713620	SPRING GUIDE	2	
5-21	773067	BUSH	4	
5-22	686303	SPRING	2	
5-23	714446	TRIP ARM	2	
5-24	700231	PIN	2	
5-25	716216	RETAINER	1	
5-26	611149	BOLT	4	
5-27	686337	TAPPING SCREW	2	
6	716399	CENTER BUSH	2	

REF. No.	PART No.	DESCRIPTION	QTY.	REORDER
7	716404	CENTER ROD	1	
8	707817	CENTER DISK 40T INNER	2	
9	713389	CENTER DISK 40FC-T	2	
10	770814	DIAPHRAGM (PTFE) 40	2	
11	711908	VALVE SEAT	4	
12	770692	BALL 40T	4	
14	684321	BALL VALVE 1/2	1	
16	634601	BUSHING	1	
19	711911	BASE	2	
20	771402	FOOT RUBBER	4	
21	706128	NUT	2	
22	682740	WASHER	2	
23	686162	BOLT	16	
24	631014	WASHER FLAT	4	
25	631917	WAVE WASHER	20	
26	611203	BOLT	12	
27	631015	WASHER FLAT	12	
28	631918	WAVE WASHER	12	
29	627014	NUT	12	
33	611175	BOLT	4	
34	627013	NUT	4	
35	611149	BOLT	4	
36	682276	NUT W/ FLANGE	4	
40	643065	O RING	4	
41T	643015	O RING	4	
44	804697	MUFFLER	2	
53T	643136	O RING	4	
KIT	K40-MT	LIQUID SIDE		
KIT	K45-AM-DP-HD	AIR MOTOR		

Torque Requirements:



Tightening torque for center rod and out chambers.

Center Rod 43 ft-lbf {60 N-m}
Out Chambers 29 ft-lbf {40 N-m}

Tightening torque for manifold retainer bolts.

BFT 18 ft-lbf {25 N-m}

General Tools:

- Socket wrench - 24mm
- Hexagonal box wrench - 5mm, 6mm
- Open-end wrenches - 19mm, 24mm
- Phillips head screw driver

Special Tools:

- Socket (804129) for a guide to remove the throat bearing (sold separately)

Miscellaneous:

- Assembly Oil - Turbine oil none additional class 1 (equivalent to ISO VG32 grade)
- Nuts - M16 x 1.5
- Thread locker
- Urea grease grade (NLGI) No. 2, Shell Alvania Grease S1

Customer Notes

Model #: _____
Description: _____
Serial #: _____
Date Installed: _____
Department Location: _____
Tag/Project: _____