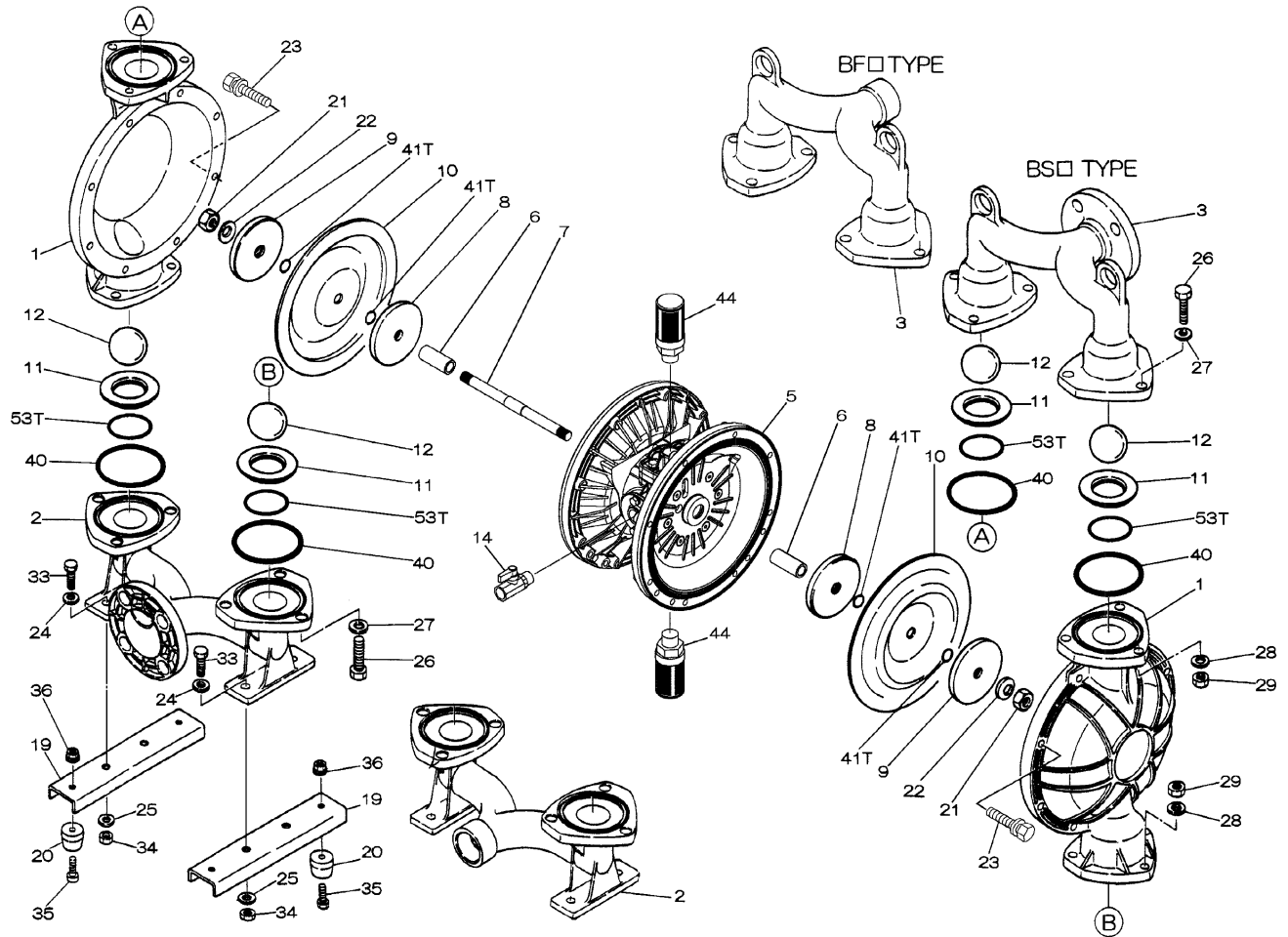


Air Operated Double Diaphragm Pump

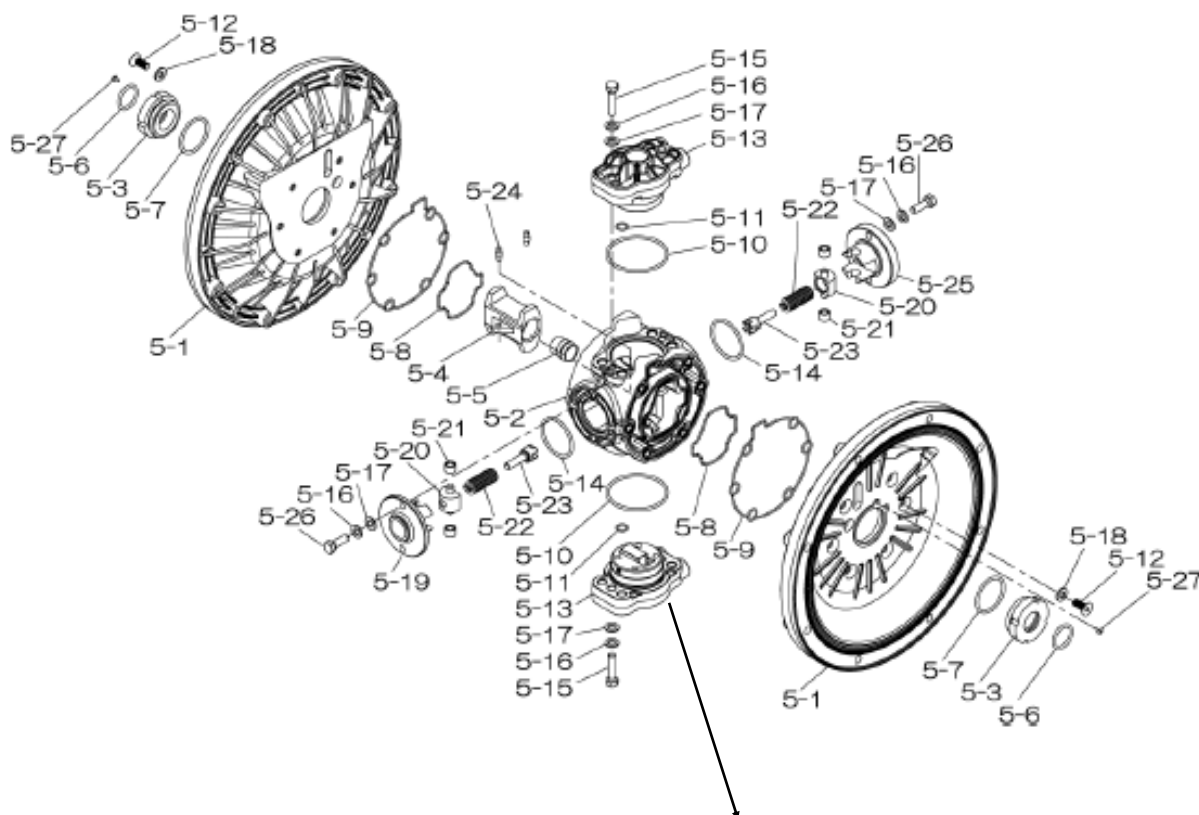


Trial Program

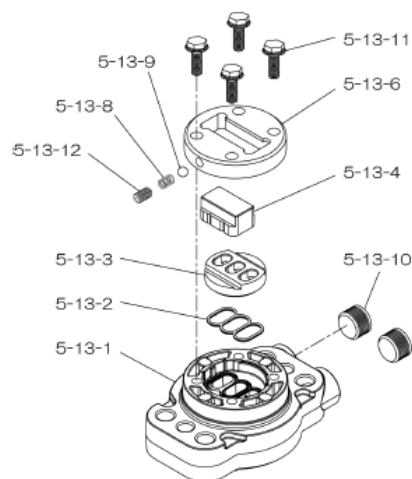


Air Operated Double Diaphragm Pump

804850 Center Body Assembly



804784 Valve Body Assembly

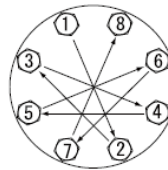


Air Operated Double Diaphragm Pump

REF. No.	PARTS 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 24.6MM X 3.6MM	2	
5- 7	640133	O RING	2	
5- 8	773040	GASKET	2	
5- 9	773041	GASKET	2	
5-10	640138	O RING (64.5X3.0MM)	2	
5-11	640007	O RING 9.5MM X 2.0MM	8	
5-12	683812	M8X1.25X20 FLAT SOCKET	12	
5-13	804784	VALVE BODY ASSY	2	
5-13- 1	716244	VALVE BODY(H40.50.80)	1	
5-13- 2	773042	GASKET	1	
5-13- 3	716246	SEAT (CS)	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 20/25-PP	2	
5-13-11	602300	TAPPING BOLT M6X1X16	4	
5-13-12	610025	HEX. SOCKET HEAD SCREW	1	
5-14	640134	O RING 44.5MM X 3MM	2	
5-15	611153	BOLT M8X1.25X35 HEX FT	4	
5-16	631420	SPRING WASHER M8 ZINC	8	
5-17	631013	WASHER FLAT M8 ZINC DI	8	
5-18	684987	WASHER 40/50/80 NEW	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 M8X1.25X25 FT ZIN	4	
5-27	686337	TAPPING SCREW	2	
6	716399	CENTER BUSH(H4050)	2	

REF. No.	PARTS No.	DESCRIPTION	QTY.	REORDER
7	716404	CENTER ROD(H4050)	1	
8	707817	CENTER DISK 40T INNER	2	
9	713389	CENTER DISK 40FC-T	2	
10	770814	DIAPHRAGM (PTFE) 40	2	
11	712382	VALVE SEAT 40AL	4	
12	770692	BALL 40T -50MM PTFE	4	
14	684321	BALL VALVE 40&38F 1/2	1	
16	634601	BUSHING 40	1	
19	711911	BASE 40	2	
20	771402	FOOT RUBBER 40/50/80&2	4	
21	706128	NUT M16X1.50 SS	2	
22	682740	WASHER M16 SS CONICAL	2	
23	686162	BOLT	16	
24	631014	WASHER FLAT M10 ZINC	4	
25	631917	WAVE WASHER M10	20	
26	611203	BOLT M12X1.75X50 ZINC	12	
27	631015	WASHER FLAT M12 ZINC D	12	
28	631918	WAVE WASHER	12	
29	627014	NUT M12X1.75 CT ZINC	12	
33	611175	BOLT M10 X 30 FT ZY	4	
34	627013	NUT M10 X 1.5 ZINC DIN	4	
35	611149	BOLT M8X1.25X25 FT ZIN	4	
36	682276	NUT W/ FLANGE M8 X 1.2	4	
40	643065	O RING 89.6MM X 5.7MM	4	
41T	643015	O RING 15.8MM X 2.4MM	4	
44	804697	MUFFLER 20/25PP NEW	2	
53T	643136	O RING G-55 PTFE	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 ISA VGA32 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: _____