

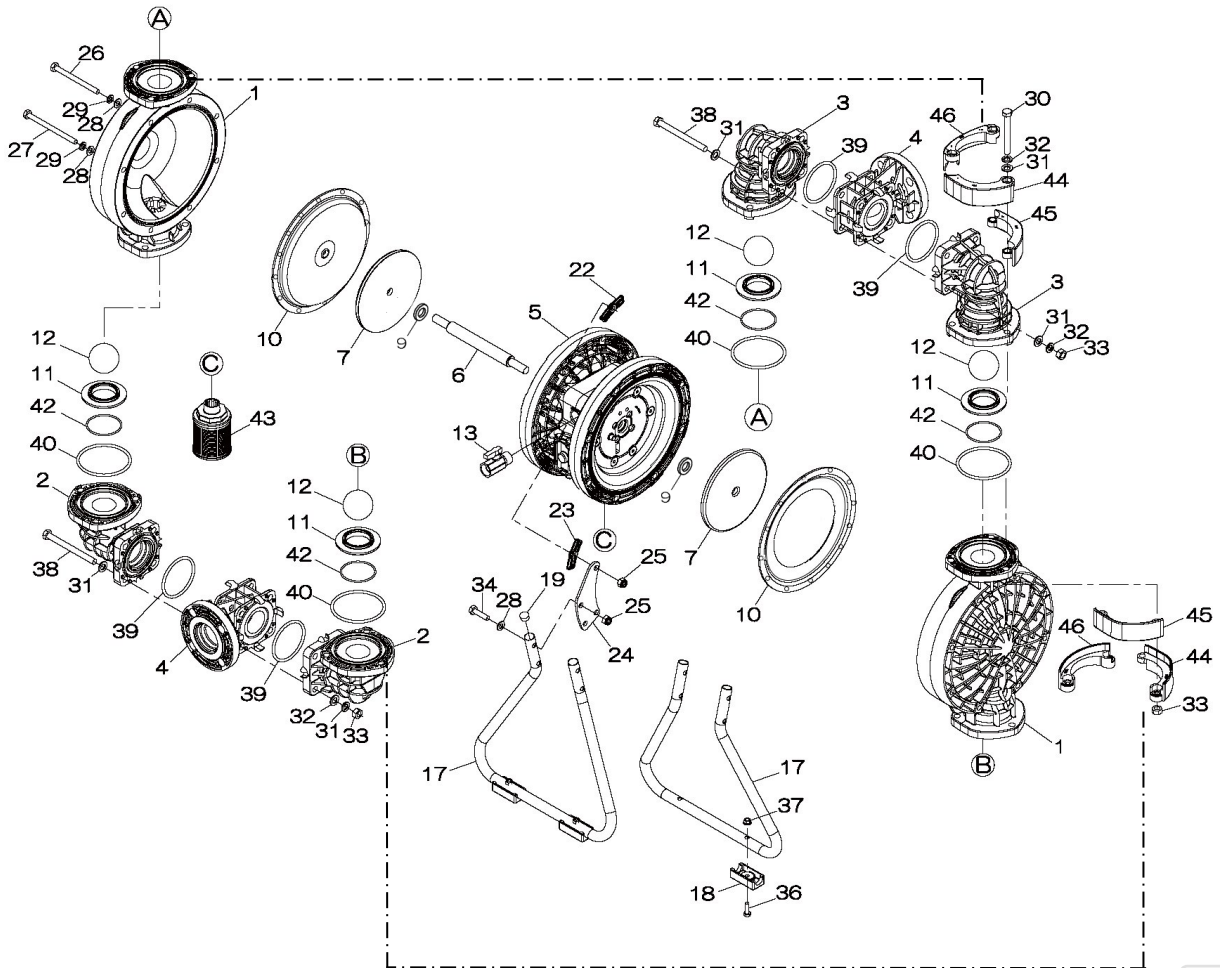
EXPLODED VIEW & PARTS LISTING

Model: NDP-50BVU-PP

Model#: 854850-U

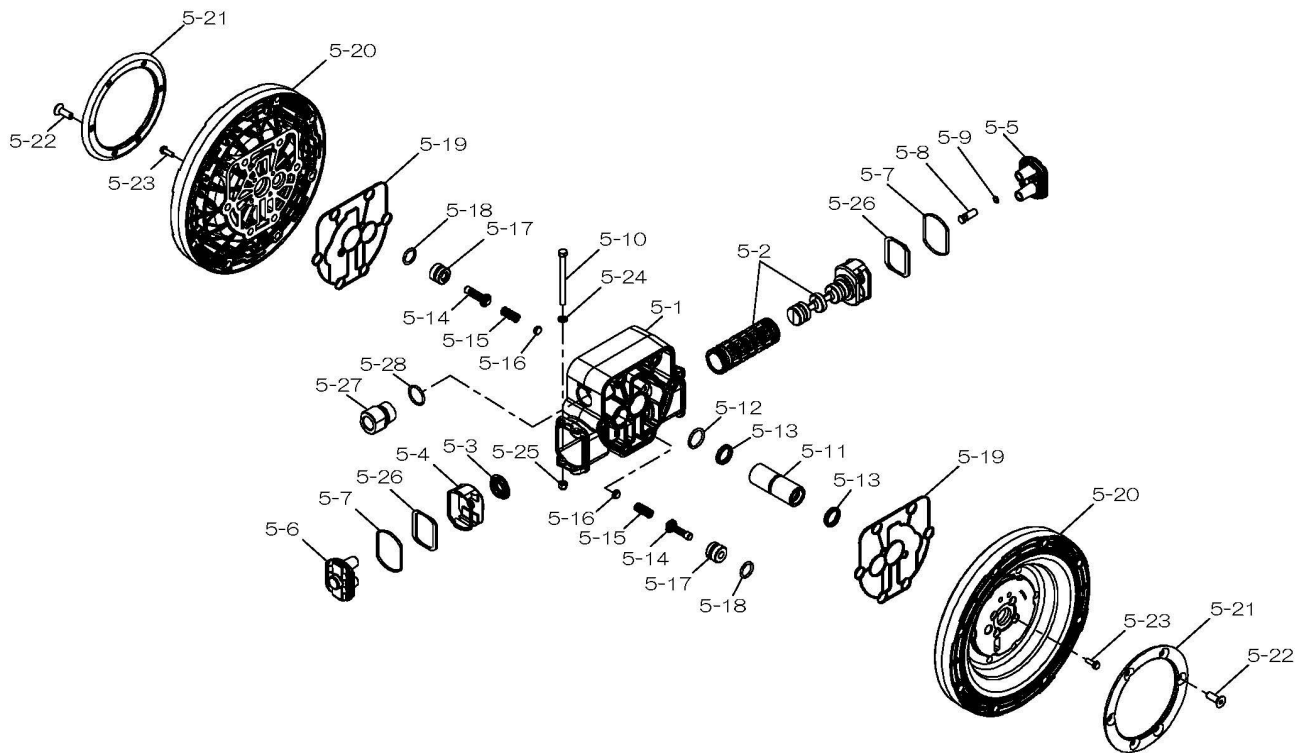


Air Operated Double Diaphragm Pump

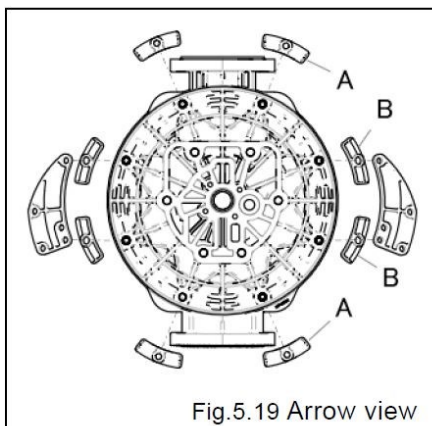


Air Operated Double Diaphragm Pump

805073 Center Body Assembly



Supporting plates (A) 716883 and (B) 716884



Air Operated Double Diaphragm Pump

REF.No.	PART No.	DESCRIPTION	QTY.	REORDER
1	780153	OUT CHAMBER	2	
2	780252	IN MANIFOLD	2	
3	780154	OUT MANIFOLD	2	
4	780115	CENTER MANIFOLD	2	
5	805073	CENTER BODY ASSY	1	
5- 1	833121	VALVE BODY ASSY	1	
5- 2	805063	C SPOOL ASSY	1	
5- 3	771923	CUSHION	1	
5- 4	771735	SPRING RETAINER	1	
5- 5	773249	CAP A	1	
5- 6	773250	CAP B	1	
5- 7	773252	GASKET B	2	
5- 8	773259	RESET BUTTON	1	
5- 9	640005	O-RING	1	
5-10	621167	BOLT	4	
5-11	773253	THROAT BEARING	1	
5-12	640027	O-RING	1	
5-13	685444	V-PACKING	2	
5-14	832162	PILOT VALVE ASSY	2	
5-15	711937	PILOT VALVE SPRING	2	
5-16	773257	SPRING SEAT	2	
5-17	773254	VALVE SEAT	2	
5-18	640020	O-RING	2	
5-19	773251	GASKET A	2	
5-20	780294	AIR CHAMBER	2	
5-21	717073	REINFORCING PLATE	2	
5-22	686748	BOLT	12	
5-23	686747	TAPPING SCREW	8	
5-24	631173	WASHER	4	
5-25	686783	CUP NUT	4	
5-26	773334	SPACER	2	
5-27	773258	UNION	1	
5-28	640131	O RING	1	
6	717130	CENTER ROD	1	
7	717133	CENTER DISK	2	
9	773435	CUSHION	4	

REF.No.	PART No.	DESCRIPTION	QTY.	REORDER
10	833220	DIAPHRAGM	2	
11	772100	VALVE SEAT	4	
12	770693	BALL	4	
13	686974	VALVE	1	
17	716885	STAND	2	
18	771865	RUBBER FOOT	4	
19	683641	CAP	4	
22	716883	SUPPORTING PLATE A	8	
23	716884	SUPPORTING PLATE B	8	
24	717113	CONNECTING PLATE	4	
26	686696	BOLT	8	
27	686946	BOLT	8	
28	631330	PLAIN WASHER	24	
29	680257	SPRING WASHER	16	
30	621213	BOLT	12	
31	631331	PLAIN WASHER	32	
32	680607	SPRING WASHER	20	
33	628014	NUT	20	
34	621177	BOLT	8	
36	621149	BOLT	4	
37	683837	FLANGED NUT	4	
38	684592	BOLT	8	
39	771899	O RING	4	
40	772063	O RING	4	
42	643139	O RING	4	
43	804764	MUFFLER	1	
44	771786	PROTECTOR A	8	
45	771787	PROTECTOR B	8	
46	771788	PROTECTOR C	8	
KIT	K50-VU	LIQUID SIDE KIT		
KIT	K50-AM-PP	AIR MOTOR KIT		

General Tools:

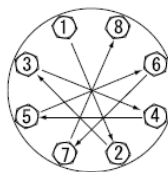
- Socket wrench - 13mm, 17mm, 19mm
- Hexagonal box wrench - 6mm
- Open-end wrenches - 19mm, 24mm
- Plastic hammer
- Phillips head screw driver
- Adjustable angle wrenches
- Needle nose pliers

Special Tools (sold separately):

- PP wrench (771868) for removing the center disk
- Sleeve remover (713180)

Miscellaneous:

- Assembly Oil - Turbine oil class 1 (equivalent to ISO VG32 grade)
- Thread locker
- Urea grease grade (NLGI) No. 2



Tightening torque:

Out Chambers
Manifold Retainer Bolts

26 ft-lbf {35 N-m}
18 ft-lbf {25 N-m}

Customer Notes

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