

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-50BPW-PP
Model#: 854840-W



To Purchase:

☎ [800-990-7867](tel:800-990-7867)

✉ sales@yamadapump.com

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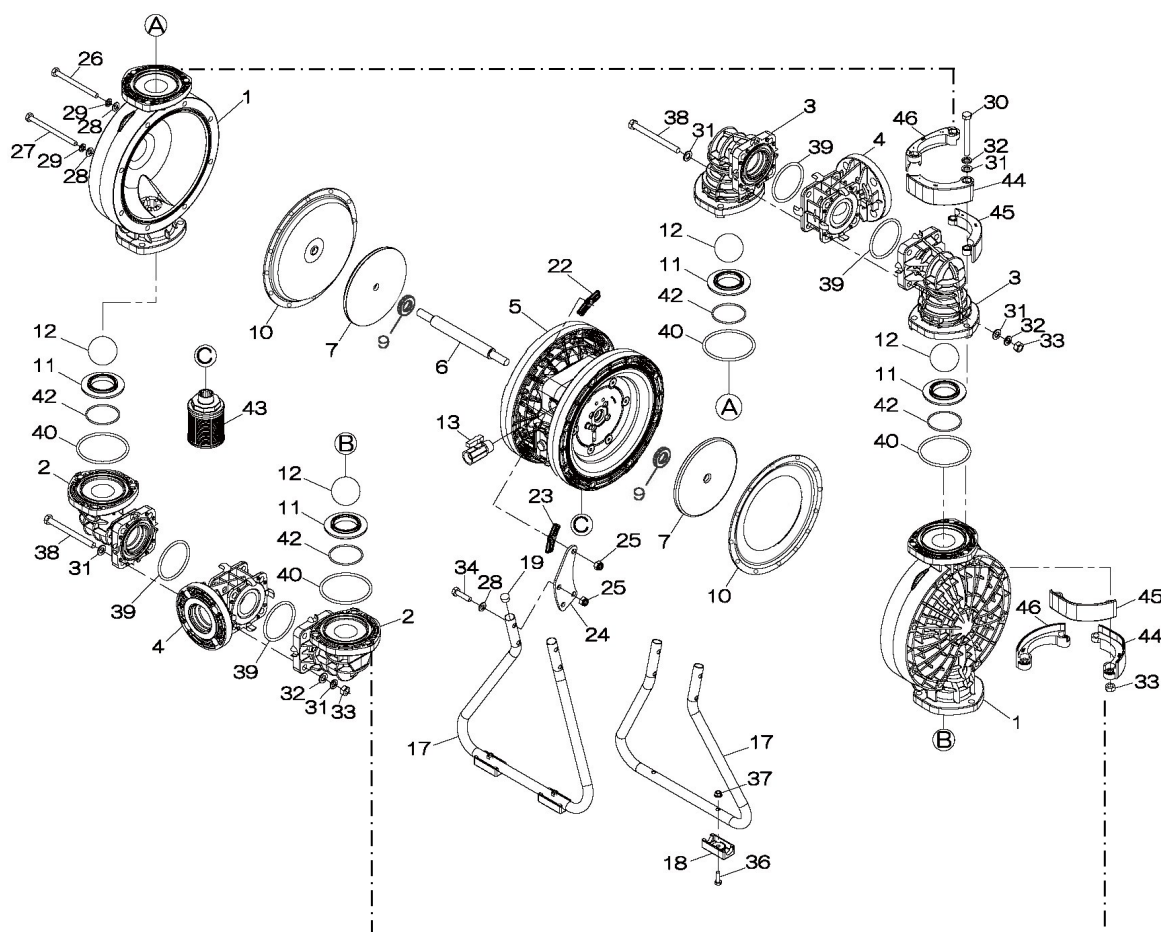
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

[Data Sheets](#) | [CAD Drawings](#) | [Manuals](#)
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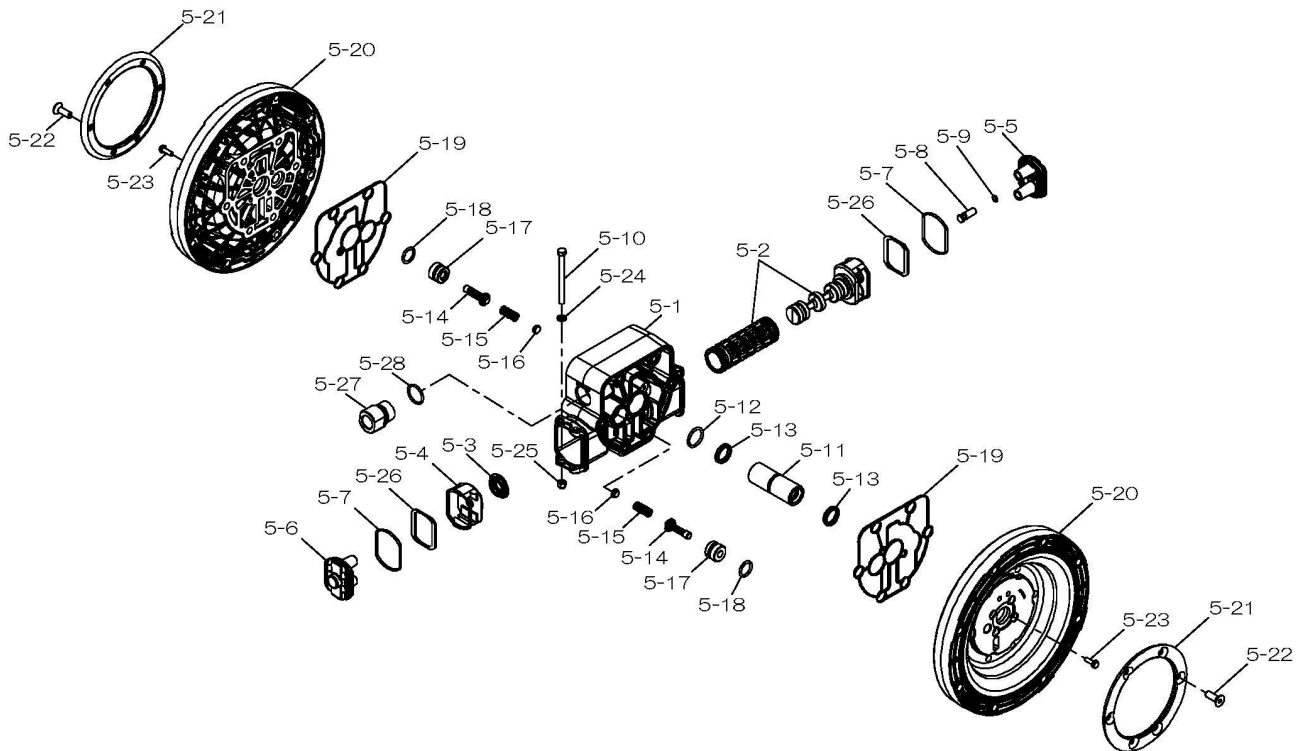
Trial Program



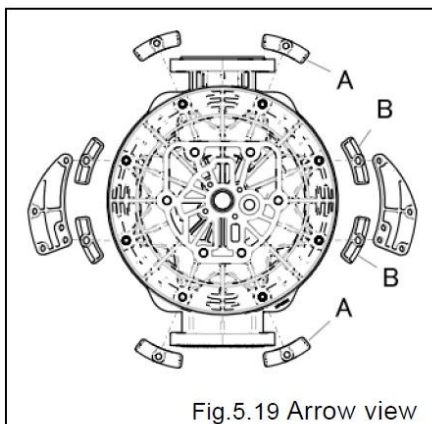
Page 1 of 3

Air Operated Double Diaphragm Pump

805073 Center Body Assembly



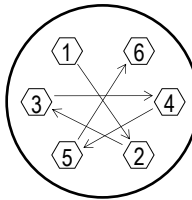
Supporting plates (A) 716883 and (B) 716884



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	780148	OUT CHAMBER	2
2	780245	IN MANIFOLD	2
3	780151	OUT MANIFOLD	2
4	780249	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 50U	1
7	717133	CENTER DISK 50U	2
9	773435	CUSHION	2
10	833220	DIAPHRAGM 50U	2
11	772097	VALVE SEAT	4
12	770693	BALL 50T	4
13	686974	BALL VALVE	1
17	716885	STAND	2
18	771865	FOOT RUBBER	4
19	683641	CAP STAND	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	FLAT WASHER	24
29	680257	SPRING WASHER	16

30	621213	BOLT	12
31	631331	FLAT WASHER	28
32	680607	SPRING WASHER	20
33	687296	NUT	20
34	621177	BOLT	8
36	621149	BOLT	4
37	683837	NUT W/ FLANGE	4
38	684592	BOLT	8
39	643064	O-RING	4
40	643069	O-RING	4
42	643139	O-RING	4
43	804764	SILENCER	1
44	771786	PROTECTOR A	8
45	771787	PROTECTOR B	8
46	771788	PROTECTOR C F	8
KIT	K50-PW	LIQUID SIDE KIT	
KIT	K50-AM-PP	AIR SIDE KIT	


[CLICK HERE FOR TORQUE](#)
**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:

- Thread locker
- Urea grease grade (NLGI) No. 2 for center rod (Ref# 6)

[CLICK HERE FOR MAINTENANCE MANUAL](#)
Customer Notes

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