EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

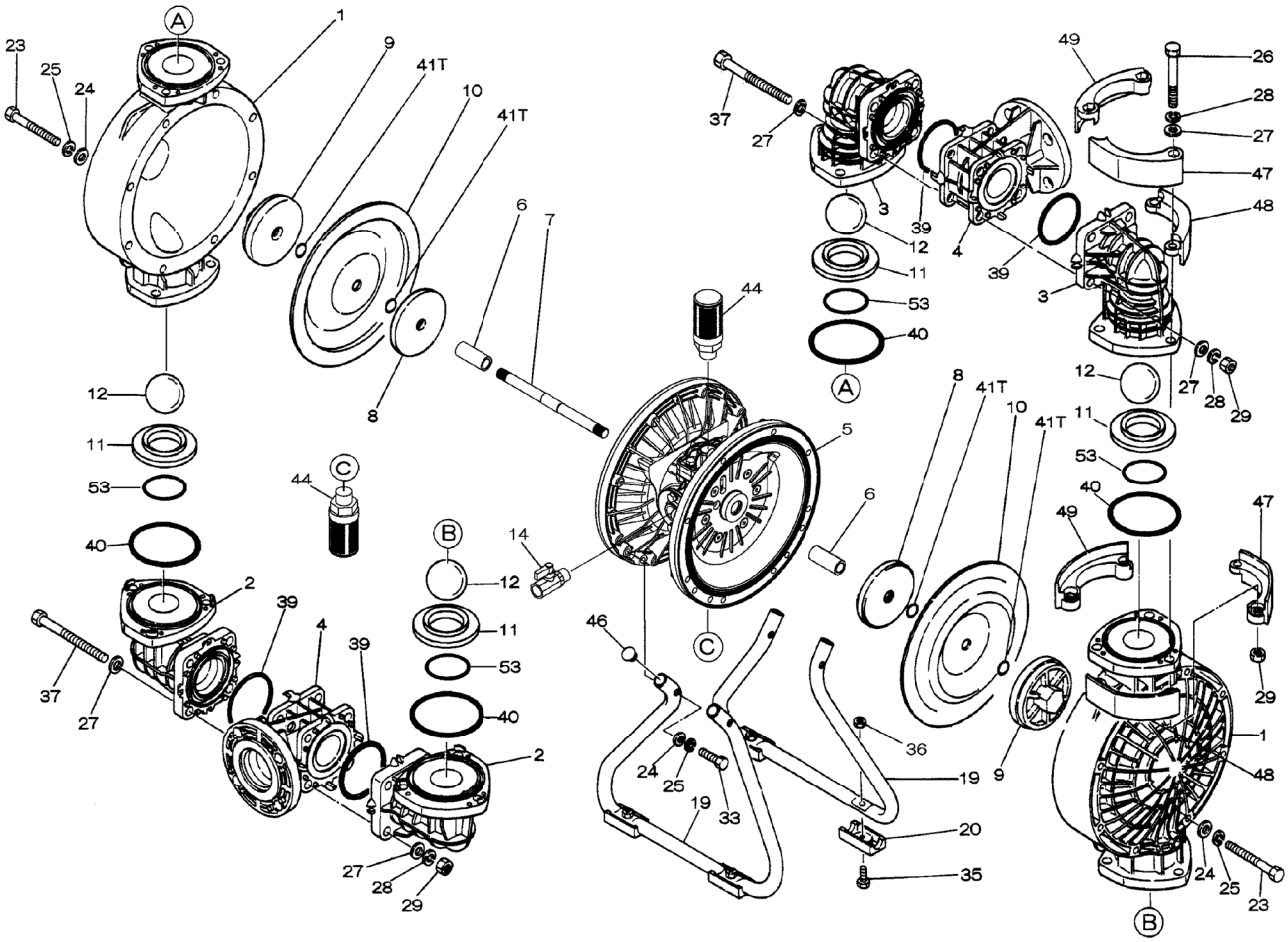
Model: DP-50BVT-HD (XDP)
Part#: 854475



To Purchase:
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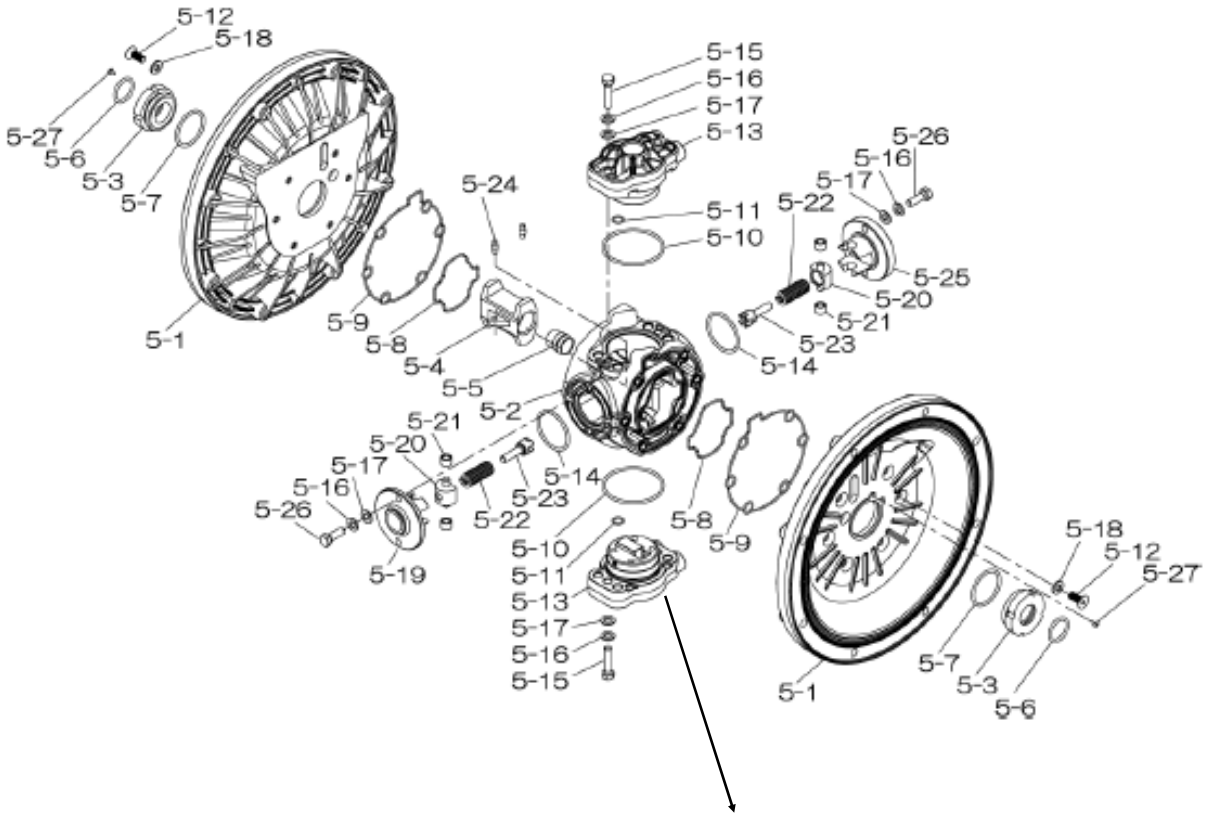
More Information:
YouTube: @yamadapump
yamadapump.com
Data Sheets | CAD Drawings | Manuals
Literature | BOM | Performance Curves

Trial Program

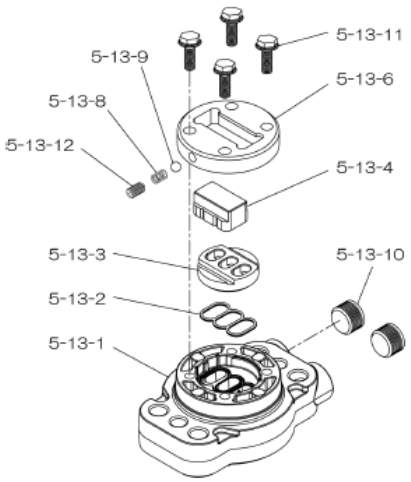


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804853 Center Body Assembly



804784 Valve Body Assembly



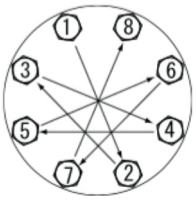
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EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: DP-50BVT-HD (XDP)
Part#: 854475

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	780153	OUT CHAMBER	2
2	780252	IN MANIFOLD	2
3	780154	OUT MANIFOLD	2
4	780115	CENTER MANIFOLD	2
5	804853	CENTER BODY ASSY	1
5-1	716247	AIR CHAMBER	2
5-2	716256	BODY	1
5-3	773095	THROAT BEARING	2
5-4	716214	SHUTTLE	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	715244	VALVE BODY	1
5-13-2	773042	GASKET	2
5-13-3	716246	SEAT	1
5-13-4	773425	BLOCK	1
5-13-6	773426	GUIDE PLATE	1
5-13-8	706612	SPRING	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	FLAT WASHER	8
5-18	684987	WASHER	12
5-19	716249	RETAINER	1
5-20	713620	SPRING GUIDE	2
5-21	773067	BUSH	4
5-22	684537	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
7	716404	CENTER ROD	1
8	707822	CENTER DISK	2
9	780116	CENTER DISK	2
10	770815	DIAPHRAGM	2
11	772100	VALVE SEAT	4
12	770693	BALL	4
14	686974	BALL VALVE	1
19	711926	STAND	2
20	771865	FOOT RUBBER	4
23	686156	BOLT	16
24	631330	FLAT WASHER	24
25	680257	SPRING WASHER	24
26	621213	BOLT	12
27	631331	WASHER	28
28	680607	SPRING WASHER	20
29	628014	NUT	20
33	621179	BOLT	8
35	621149	BOLT	4
36	683837	NUT W/FLANGE	4
37	684592	BOLT	8
39	771899	O-RING	4
40	772063	O-RING	4
41T	643015	O-RING	4
44	804697	MUFFLER	2
46	683641	CAP	4
47	771786	PROTECTOR A	8
48	771787	PROTECTOR B	8
49	771788	PROTECTOR C	8
53	643139	O-RING	4
KIT	K50-VT	LIQUID SIDE KIT	
KIT	K45-AM-DP-HD	AIR MOTOR KIT	



CLICK HERE FOR TORQUE

General Tools:

- Socket wrench - 13mm, 17mm, 24mm
- Hexagonal box wrench - 5mm, 6mm
- Phillips head screw driver

Special Tools:

- PP Wrench (771868) for removing the center disk
- Socket (804129) for a guide to remove the throat bearing (sold separately)

Miscellaneous:

- Assembly Oil - Turbine oil class 1 (equivalent to ISO VG32 grade)
- Nuts - M16 x 1.5
- Thread locker
- Urea grease grade (NLGI) No. 2 for Center Rod (Ref# 7), Shell Alvania Grease S1

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Customer Notes

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

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