

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-20BPE FLG
Model#: 853830



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 Find My Rep

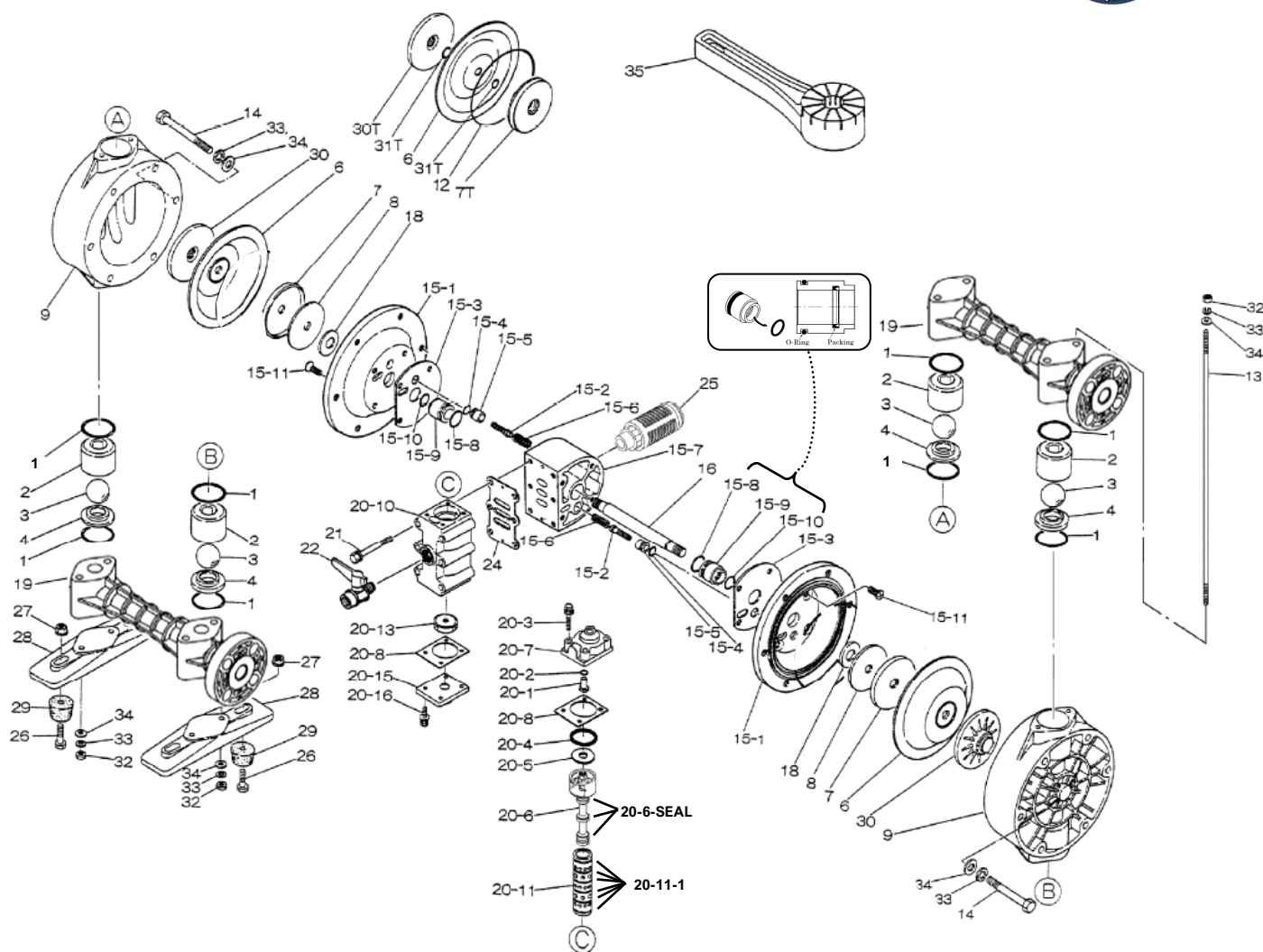
More Information:

▶ YouTube: @yamadapump

🌐 yamadapump.com

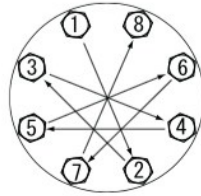
Data Sheets | CAD Drawings | Manuals
Literature | BOM | Performance Curves

Trial Program



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	684116	O-RING	8
2	771216	BALL GUIDE	4
3	770723	BALL	4
4	780137	VALVE SEAT	4
6	771256	DIAPHRAGM	2
7	709153	CENTER DISK (AIR SIDE)	2
8	709152	WASHER	2
9	780134	OUT CHAMBER	2
13	710122	TIE ROD	4
14	621163	BOLT	12
15	804878	CENTER BODY ASSY.	1
15-1	715938	AIR CHAMBER	2
15-2	802360	PILOT VALVE ASSY.	2
15-3	771057	GASKET	2
15-4	640009	O-RING	2
15-5	771945	PILOT VALVE SEAT	2
15-6	708666	SPRING	2
15-7	711503	BODY	1
15-8	685276	O-RING	2
15-9	780324	THROAT BEARING	2
15-10	685414	V-PACKING	2
15-11	682486	BOLT W/ WASHER	8
16	710252	CENTER ROD	1
18	771054	CUSHION	2
19	780208	MANIFOLD (FLANGE)	2
20	802809	AIR VALVE ASSY.	1
20-1	709161	RESET BUTTON	1
20-2	640005	O-RING	1
20-3	682704	BOLT W/ WASHER	4
20-4	771241	PACKING	1
20-5	715961	WASHER	1
20-6	802400	C-SPOOL ASSY.	1
20-6-seal	771053	SEAL RING	5
20-7	711219	CAP A	1
20-8	771240	GASKET	2
20-10	711640	VALVE BODY	1
20-11	803931	SLEEVE ASSY.	1
20-11-*1	771080	O-RING	6
20-13	771914	CUSHION	1
20-15	711212	CAP B	1
20-16	682262	BOLT W/ WASHER	4
21	682265	BOLT W/ WASHER	6
22	686968	BALL VALVE	1
24	771056	GASKET	1
25	804697	MUFFLER	1
26	611151	BOLT	4
27	682276	NUT W/FLANGE	4
28	771219	BASE	2
29	770551	FOOT RUBBER	4
30	780123	CENTER DISK (LIQUID SIDE)	2
32	687229	NUT	8
33	681300	SPRING WASHER	20
34	631329	FLAT WASHER	20
35	771244	TOOL	2
KIT	K20-PE	LIQUID SIDE KIT	
KIT	K225-AM	AIR MOTOR KIT	



Tightening torque for center rod and out chambers.

Center Rod 29 ft-lbf {40 N-m}
Out Chambers 8 ft-lbf {10 N-m}

General Tools:

- Socket wrenches - 10mm, 12mm, 13mm, 17mm, 22mm
- Hexagonal box wrench - 5mm
- Open-end wrenches - 13mm,

Special Tools:

- Sleeve remover (713148) (sold separately)
- Center Disk Tool (771244) (included)

Miscellaneous:

- Nuts - M14x1.5
- Urea grease grade (NLGI) No. 2 for Center Rod (Ref# 16) & V-Packing (Ref# 15-10)
- Lubricants - Equivalent to (LOCTITE ANTI-SEIZE 767) for Bolts/Nuts

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

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

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