

EXPLODED VIEW & PARTS LISTING

Air Operated Double Diaphragm Pump

Model: NDP-20BPH-PP
Model#: 854099



To Purchase:

☎ 800-990-7867

✉ sales@yamadapump.com

📍 [Find My Rep](#)

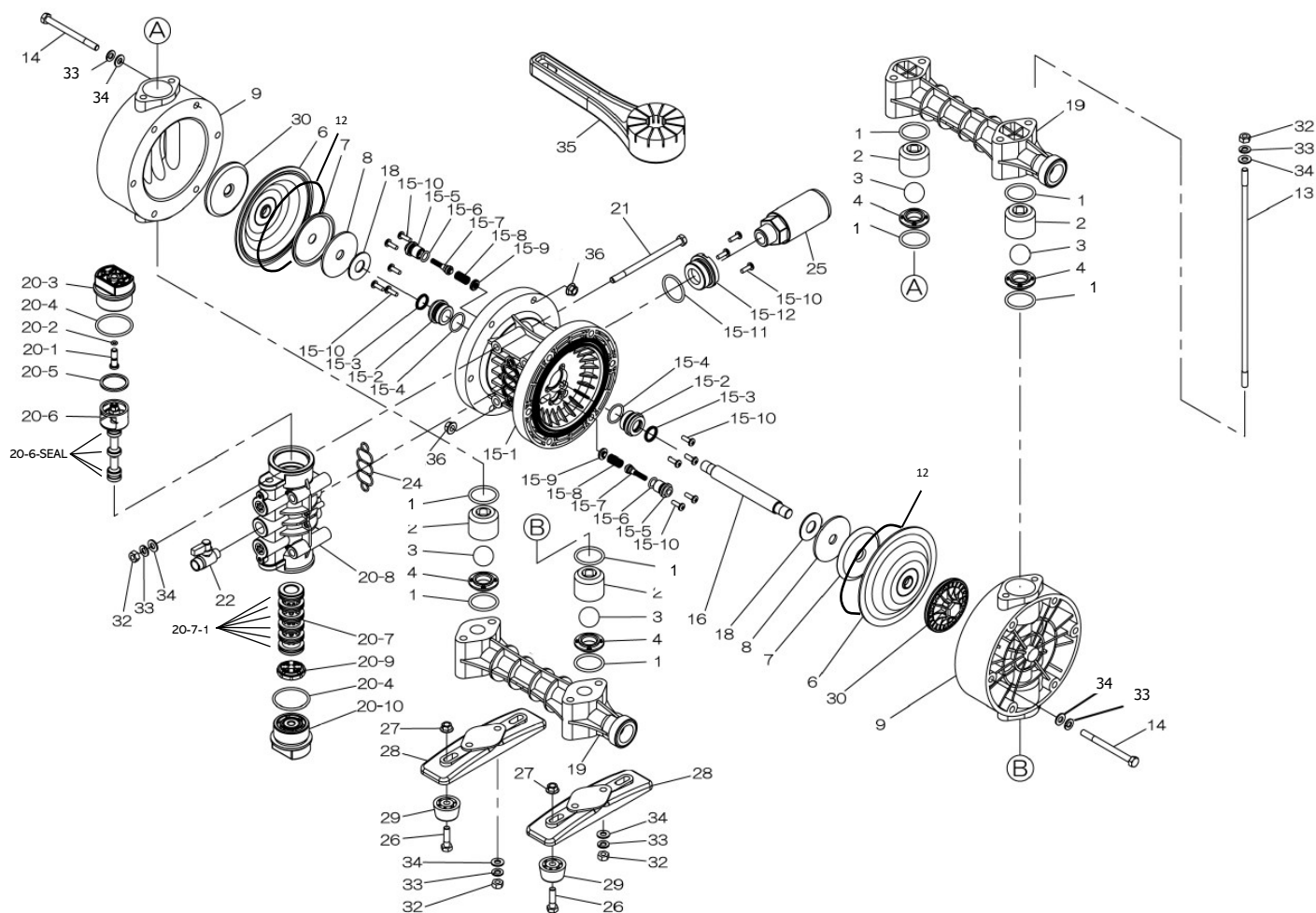
More Information:

▶ YouTube: [@yamadapump](#)

🌐 yamadapump.com

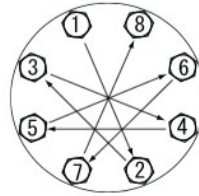
[Data Sheets](#) | [CAD Drawings](#) | [Manuals](#)
[Literature](#) | [BOM](#) | [Performance Curves](#)

Trial Program



Air Operated Double Diaphragm Pump

REF. No.	PART No.	DESCRIPTION	QTY.
1	640033	O-ring	8
2	771216	Ball Guide	4
3	773126	Ball	4
4	780137	Valve Seat	4
6	771362	Diaphragm	2
7	716225	Center Disk	2
8	716226	Plain Washer	2
9	780134	Out Chamber	2
12	640151	O-ring	2
13	710122	Tie Rod	4
14	621166	Bolt	12
15	804603	Center Body Assy.	1
15-1	772928	Body	1
15-2	772931	Throat Bearing	2
15-3	685414	V-Packing	2
15-4	685276	O-ring	2
15-5	772932	Valve Seat	2
15-6	640009	O-ring	2
15-7	802360	Pilot Valve Assy.	2
15-8	708666	Spring	2
15-9	772948	Spring Seat	2
15-10	686030	Tapping Screw	13
15-11	640132	O-ring	1
15-12	772933	Bushing	1
16	710252	Center Rod	1
18	771054	Cushion	2
19	780010	Manifold (NPT)	2
20	804608	Air Valve Body Assy.	1
20-1	772991	Rest Button	1
20-2	640002	O-ring	1
20-3	772946	Cap A	1
20-4	640043	O-ring	2
20-5	771241	Packing	1
20-6	802400	C-Spool Assy.	1
20-6-SEAL	771053	Seal Rings	5
20-7	804609	Sleeve Assy.	1
20-7-1	686029	O-Ring for Sleeve	6
20-8	832903	Valve Body	1
20-9	771914	Cushion	1
20-10	772947	Cap B	1
21	686031	Bolt	4
22	686968	Ball Valve	1
24	772848	Gasket	1
25	804697	Silencer	1
26	621151	Bolt	4
27	686032	Nut w/Flange	16
28	771219	Pump Base	2
29	770551	Foot Rubber	4
30	780123	Center Disk	2
32	683635	Nut	12
33	681300	Spring Washer	24
34	631329	Washer Flat	24
35	771244	Tool	2
KIT	K20-PH-PP	Liquid End	
KIT	K225-AP	Air Motor	


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

- Socket wrenches - 10mm, 12mm, 13mm, 17mm, 22mm
- Hexagonal box wrench - 5mm
- Small crowbars - 2 (C/N/E/V)
- Open-end wrenches - 12mm, 13mm, 22mm
- Adjustable Angle Wrenches
- Phillips Head Screw Driver

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)

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

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