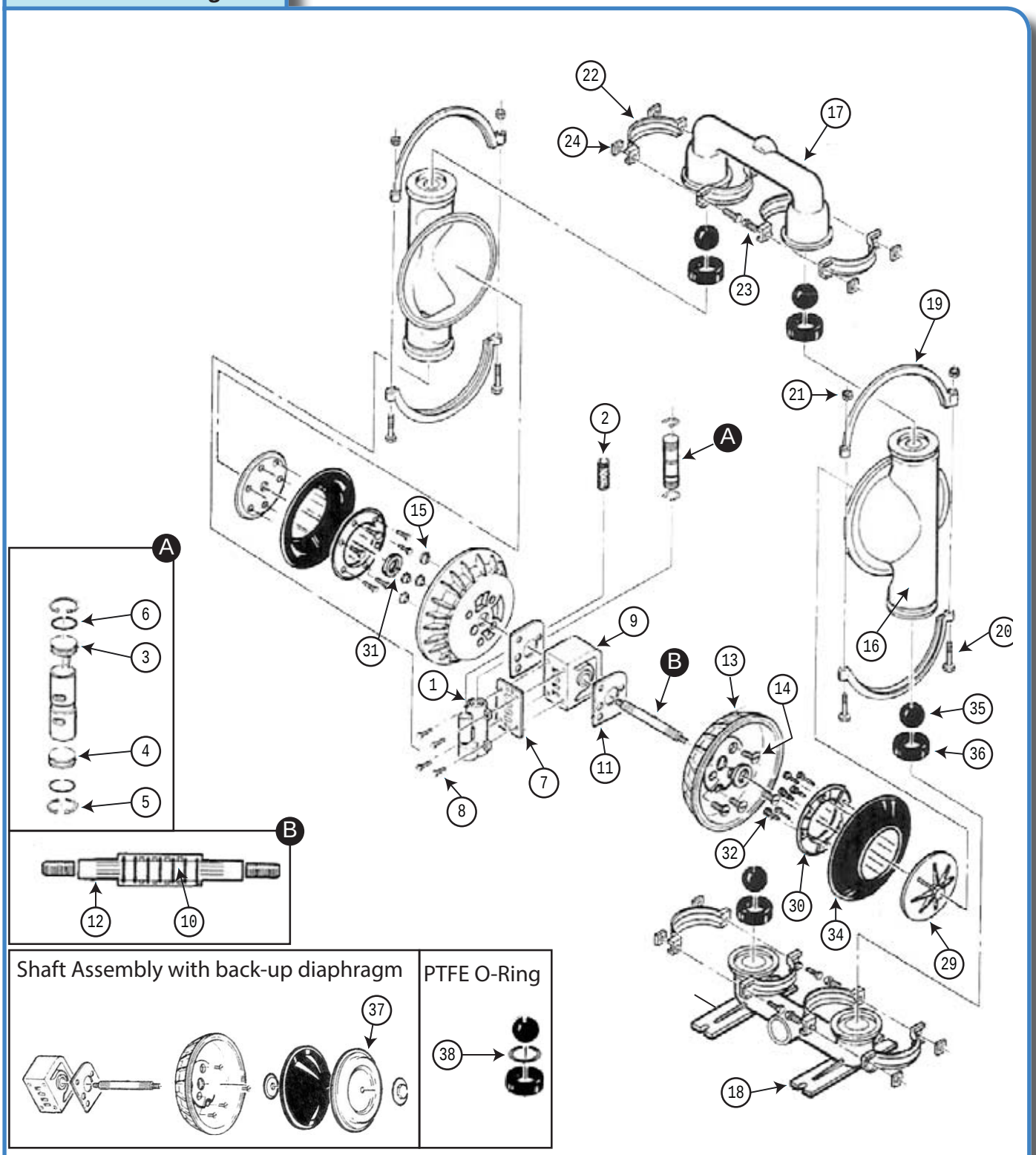
NTG80 Parts Diagram



NTG80

NTG80 3" Aluminum Diaphragm Pump Assemblies	
Part Number	Description
80-2693	Includes Neoprene Diaphragm, Valve Ball and Valve Seat
80-2696	Includes Buna Diaphragm, Valve Ball and Valve Seat
80-2697	Includes Nordel Diaphragm, Valve Ball and Valve Seat
80-26964	Includes Hytrel Diaphragm, Valve Ball and Valve Seat
80-2698	Includes Viton Diaphragm, Valve Ball and Valve Seat
80-2699	Includes Santoprene Diaphragm, Valve Ball and Valve Seat
80-2691	Includes PTFE Diaphragm, Valve Ball and Valve Seat

Air Inlet ..... 19 mm (3/4")
Inlet ..... 76 mm (3")
Outlet . ..... 76 mm (3")
Suction Lift ..... 5.5 m Dry (18')
9.45 m Wet (31')
Max. Flow Rate . ..... 878 lpm (232 gpm)
Max. Size Solids ..... 10 mm (3/8")
Height ..... 810 mm (31.9")
Width ..... 432 mm (17.0")
Depth ..... 279 mm (11.0")

H2O flow rates listed

Caution: Do not exceed 8.6 bar (125 psig) air supply pressure.

PTFE Diaphragms: reduce flow by 25%

Item	Description	Qty	Part Number	Item	Description	Qty	Part Number
1	Air Valve ASM	1	N15-2000-07	29	Outer Piston	2	N15-4550-01
	Air Valve ASM Gold	1	N15-2012-07			2	N15-4600-03
2	Air Valve Screen	1	N08-2500-07	30	Inner Piston	2	N15-3700-01
3	Air Valve End Cap w/ Guide (Top)	1	N15-2300-23			2	N15-3750-01
4	Air Valve End Cap w/out Guide (Bottom)	1	N15-2330-23	31	Inner Piston Back-up Washer	2	N15-6850-08
5	Air Valve Snap Ring	2	N15-2650-03	32	Piston ASM Bolt 2 3/8" - 16 x 1 1/2"	12	N15-6130-08
6	Air Valve Cap O-ring	2	N15-2390-52	33	Washer, Flat (Not Shown)	12	N15-6720-08
7	Air Valve Gasket	1	N15-2600-52	34	Diaphragm Neoprene	2	N15-1010-51
8	Air Valve Screw 5/16" - 18 x 2 1/4"	4	N15-6000-08		Diaphragm - Buna	2	N15-1010-52
9	Center Block	1	N15310001225		Diaphragm Viton	2	N15-1010-53
10	Center Block TRACKER™ Seal	7	N15321077225		Diaphragm Nordel	2	N15-1010-54
11	Block Gasket	2	N15-3520-52		Diaphragm PTFE	2	N15-1010-55
12	Shaft	1	N1538000307		Diaphragm Hytrel	2	N15-1010-56
13	Air Chamber	2	N15-3650-01		Diaphragm Santoprene	2	N15-1010-58
14	Air Chamber Screw 3/8" - 16 x 4"	4	N15-6200-08	35	Valve Ball Neoprene	4	N15-1080-51
15	Air Chamber Cone Nut 3/8" - 16	4	N15-6550-08		Valve Ball Buna	4	N15-1080-52
16	Liquid Chamber	2	N15-5000-01		Valve Ball Viton	4	N15-1080-53
17	Discharge Manifold	1	N15-5020-01		Valve Ball Nordel	4	N15-1080-54
18	Inlet Manifold	1	N15-5080-01		Valve Ball PTFE	4	N15-1080-55
19	Large Clamp Band ASM	2	N15-7300-08		Valve Ball Hytrel	4	N15-1080-56
20	Large Carriage Bolt 1/2" - 13 x 3 1/2"	4	N15-6120-08		Valve Ball Santoprene ®	4	N15-1080-58
21	Large Hex Nut 1/2" -13	4	N15-6420-08	36	Valve Seat - Neoprene	4	N15-1120-51
22	Small Clamp Band ASM	4	N15-7100-08		Valve Seat - Buna	4	N15-1120-52
23	Small Carriage Bolt 3/8" - 16 x 2"	8	N15-6050-08		Valve Seat - Viton ®	4	N15-1120-53
24	Small Hex Nut 3/8" -16	8	N15-6450-08		Valve Seat - Nordel ®	4	N15-1120-54
25	Muffler (Not Shown)	1	N15-3510-99		Valve Seat - PTFE	4	N15-1120-55
26	Check Ball (Not Shown)	1	N15-1450-51		Valve Seat - Hytrel ®	4	N15-1120-56
27	Check Body (Not Shown)	1	N15-3550-01		Valve Seat - Santoprene	4	N15-1120-58
28	Pipe Nipple (Not Shown)	1	N15-7420-08	37	Back-up Diaphragm	2	N15-1060-52
				38	PTFE Valve Seat O-Ring	4	N15-1200-55