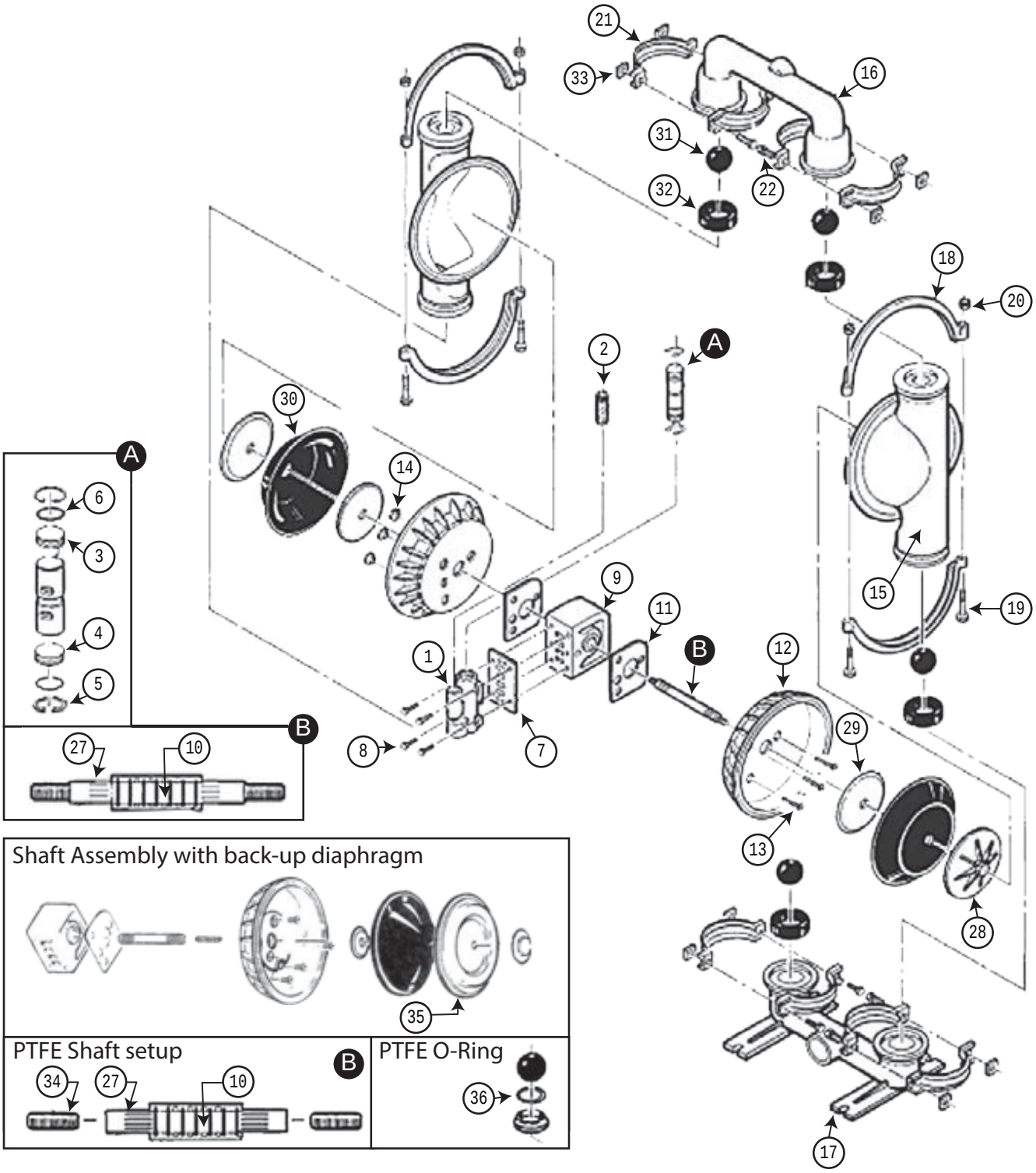
NTG50 Parts Diagram



NTG50

NTG50 2" Aluminum Diaphragm Pump Assemblies	
Part Number	Description
50-2693	Includes Neoprene Diaphragm, Valve Ball and Valve Seat
50-2696	Includes Buna Diaphragm, Valve Ball and Valve Seat
50-2697	Includes Nordel Diaphragm, Valve Ball and Valve Seat
50-26964	Includes Hytrel Diaphragm, Valve Ball and Valve Seat
50-2698	Includes Viton Diaphragm, Valve Ball and Valve Seat
50-2699	Includes Santoprene Diaphragm, Valve Ball and Valve Seat
50-2691	Includes PTFE Diaphragm, Valve Ball and Valve Seat

Air Inlet ..... 19 mm (3/4")
Inlet ..... 51 mm (2")
Outlet . ..... 51 mm (2")
Suction Lift ..... 6.4 m Dry (21')
9.5 m Wet (31')
Max. Flow Rate . ..... 617 lpm (163 gpm)
Max. Size Solids ..... 6.4 mm (1/4")
Height ..... 668 mm (26.3")
Width ..... 404 mm (15.9")
Depth ..... 343 mm (13.5")

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	N08-2000-07	28	Outer Piston	2	N08-4550-01
	Air Valve ASM Gold	1	N08-2012-07			2	N08-4600-01
2	Air Valve Screen	1	N08-2500-07	29	Inner Piston	2	N08-3700-01
3	Air Valve End Cap w/ Guide (Top)	1	N08-2300-23			2	N08-3750-01
4	Air Valve End Cap w/out Guide (Bottom)	1	N08-2330-23	30	Diaphragm Neoprene	2	N08-1010-51
5	Air Valve Snap Ring	2	N08-2650-03		Diaphragm Buna	2	N08-1010-52
6	Air Valve Cap O-ring	2	N08-2390-52		Diaphragm Viton	2	N08-1010-53
7	Air Valve Gasket	1	N08-2600-52		Diaphragm Nordel	2	N08-1010-54
8	Air Valve Screw 5/16" - 18 x 2 1/4"	4	N08-6000-08		Diaphragm PTFE	2	N08-1010-55
9	Center Block	1	N08310001225		Diaphragm Hytrel	2	N08-1010-56
10	Center Block TRACKER™ Seal	7	N08321055225		Diaphragm Santoprene	2	N08-1010-58
11	Block Gasket	2	N08-3520-52	31	Valve Ball Neoprene	4	N08-1080-51
12	Air Chamber	2	N08-3650-01		Valve Ball Buna	4	N08-1080-52
13	Air Chamber Screw 3/8" - 16 x 4"	4	N08-6200-08		Valve Ball Viton	4	N08-1080-53
14	Air Chamber Cone Nut 3/8" - 16	4	N08-6550-08		Valve Ball Nordel	4	N08-1080-54
15	Liquid Chamber	2	N08-5000-01		Valve Ball PTFE	4	N08-1080-55
16	Discharge Manifold	1	N08-5020-01		Valve Ball Hytrel	4	N08-1080-56
17	Inlet Manifold	1	N08-5080-01		Valve Ball Santoprene	4	N08-1080-58
18	Large Clamp Band ASM	2	N08-7300-08	32	Valve Seat Neoprene	4	N08-1120-51
19	Large Carriage Bolt 3/8" - 16 x 3"	4	N08-6120-08		Valve Seat Buna	4	N08-1120-52
20	Large Hex Nut 3/8" - 16	4	N08-6420-08		Valve Seat Viton	4	N08-1120-53
21	Small Clamp Band ASM	4	N08-7100-08		Valve Seat Nordel	4	N08-1120-54
22	Small Carriage Bolt 5/16" - 18 x 1-3/8"	8	N08-6050-08		Valve Seat PTFE	4	N08-1120-55
23	Muffler (Not Shown)	1	N08-3510-99		Valve Seat Hytrel	4	N08-1120-56
24	Check Ball (Not Shown)	1	N08-1450-51		Valve Seat Santoprene	4	N08-1120-58
25	Check Body (Not Shown)	1	N08-3550-01	33	Small Hex Nut 5/16"-18	8	N08-6450-08
26	Pipe Nipple (Not Shown)	1	N08-7420-08		Small Hex Nut 5/16"-18 PTFE	8	N08-6400-08
27	Shaft	1	N0838000307	34	Shaft Stud 1/2" - 20 x 1 - 7/8"	2	N08-6152-08
		1	N0838200307	35	Back-up Diaphragm	2	N08-1060-52
				36	PTFE Valve Seat O-Ring	4	N08-1200-55
				37	Washer, Flat (Not Shown)	8	N0867200770