

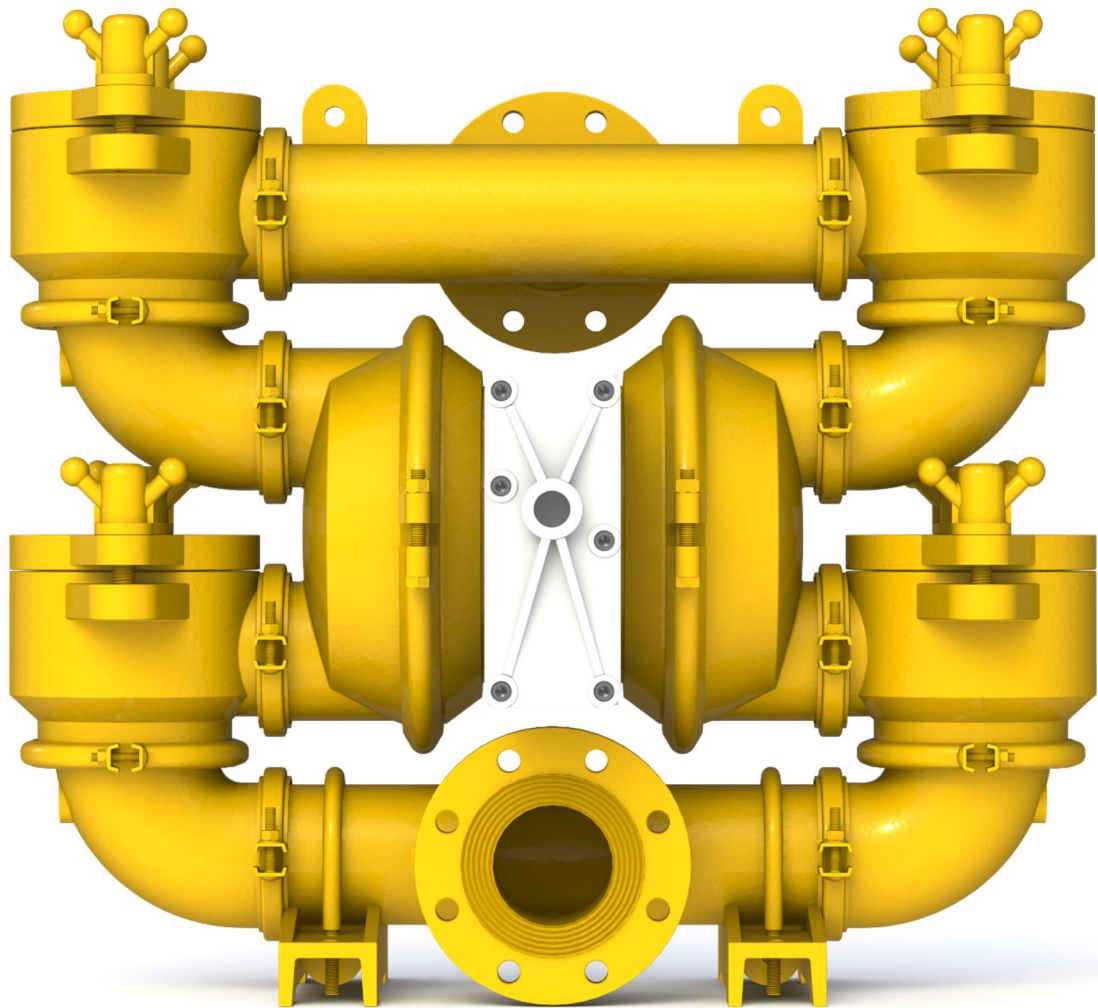


**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in



4" CAST IRON PUMP AOD 100 PF WNPB/HYT/NE/P/N

pricepumps.co.in



AIR OPERATED DOUBLE DIAPHRAGM PUMPS



ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 1- LEGEND

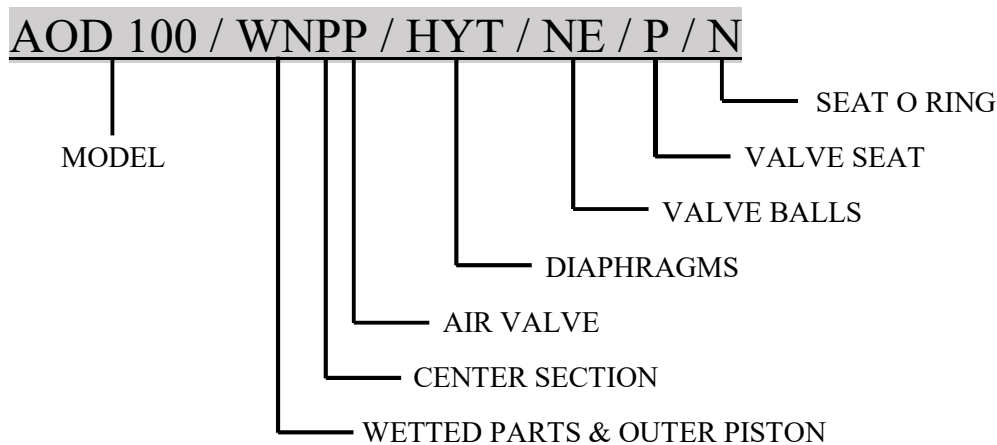
4" CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N

MODEL: AOD 100 PF CAST IRON

102 mm (4") Pump

Maximum Flow Rate: 1048 Lpm (277 gpm)



MATERIAL CODES

MODEL
AOD 100 = 4" PUMP

AIR VALVE
P = POLYPROPELYNE

VALVE BALL
NE = NEOPRENE

WETTED PARTS & OUTER PISTON
WN = CAST IRON /
NYLON

DIAPHRAGMS
HYT = HYTREL

VALVE SEAT
P = POLYPROPELENE

CENTER SECTION
P = POLYPROPYLENE

SEAT O RING
N = NEOPRENE



AIR OPERATED DOUBLE DIAPHRAGM PUMPS



ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 2 – SPARE PART LIST

4” CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N

SR No.	DISCRIPTION	PART No	QTY
1	LIQUID CHAMBER	T20-1001-02	2
2	ELBOW	T20-2151-02	4
3	SUCTION DISCHARGE TEE	T20-1205-02	2
4	POT	T20-1091-02	4
5	NRV BALL	T20-1041-51	4
6	PLATE O RING	T20-0006-51	4
7	PLATE	T20-0007-02	4
8	BALL SEAT	T20-1061-20	4
9	SEAT O RING	T20-3121-51	8
10	MANIFOLD GASKET	T20-3349-51	8
11	HOLDING PLATE	T15-1111-24	2
12	LOCK NUT	T15-1131-24	2
13	CHAMBER CLAMP	80-1231-61	4
14	SUCTION DISCHARGE CLAMP	80-1222-61	8
15	SUCTION DISCHARGE CLAMP (MEDIUM)	T20-1222-61	8
16	DIAPHRAGM	T15-2051-56	2
17	CENTER BLOCK	80-1301-20	1
18	CENTER BLOCK O RING	80-3155-56	2
19	CENTER BLOCK PIPE	80-1320-03	4
20	CENTER BLOCK PATTI	80-1319-03	6
21	MAIN SHAFT	80-1341-03	1
22	AIR CHAMBER	T20-1401-02	1
23	AIR COVER GASKET	80-3311-51	2
24	WING NUT STUD	T20-0013-61	8
25	WING NUT	T20-0014-02	8
26	PIPE PLUG	T20-0015-02	4
27	FOOT	T20-1390-02	2
28	U-Bolt	T20-0017-61	2
29	PILOT BUSH	80-1471-07	1
30	PILOT SHAFT	80-1454-03	1
31	PILOT SHAFT O RING	80-3176-51	8
32	PILOT SHAFT RING	80-3171-68	4



AIR OPERATED DOUBLE DIAPHRAGM PUMPS



ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 2 – SPARE PART LIST (CONTINUED...)

4" CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N

SR No.	DISCRIPTION	PART No	QTY
33	PILOT LOCK O RING	40-3166-51	2
34	PILOT SHAFT WASHER	04-6114-03	2
35	PILOT BUSH O RING	30-3151-51	4
36	PISTON BLOCK	80-1501-20	1
37	PISTON	80-1521-69	1
38	PISTON O RING BIG	80-3201-51	1
39	PISTON O RING SMALL	80-3224-51	7
40	PISTON RING BIG	80-3241-68	1
41	PISTON RING SMALL	80-3246-68	3
42	PISTON RING MEDIUM	80-3251-68	2
43	PISTON BLOCK CAP	80-1571-20	1
44	PISTON BLOCK CAP O RING	80-3266-51	1
45	PISTON BLOCK COVER PP	80-1561-20	1
46	PISTON BLOCK GASKET	80-3321-51	1
47	PISTON BLOCK COVER GASKET	80-3331-51	1
48	PISTON BLOCK PIPE	80-1586-03	2
49	EXHAUST	80-1366-23	1
50	AIR NIPPLE	50-1371-07	1
51	REDUCER	80-1377-21	1
52	½" X 3½" HEX BOLTS SS (CHAMBER BOLTS)	04-6007-03	4
53	½ SS HEX NUT	04-6301-03	4
54	3/8" X 1¼" HEX BOLTS SS (AIR COVER)	04-6016-03	12
55	3/8 X 3 MM SS WASHER (AIR COVER)	04-6206-03	12
56	3/8" X 60 MM CARRIAGE BOLTS SS (SUC/DIS)	04-6022-03	8
57	3/8 MS HEX NUT	04-6304-61	8
58	3/8 X 20.7 X 1.5 MM SS WASHER (SUC/DIS)	04-6210-03	16
59	5/16" X 45 MM CARRIAGE BOLTS SS	04-6035-03	8
60	5/16" MS HEX NUT	04-6305-61	8
61	5/16" X 17 X 1.5 SS WAHSER	04-6215-03	16
62	5/16 X 2½" SS P B ALLEN BOLTS	04-6048-03	4
63	3/8 X 24 X 3 MM SS WASHER (HOLDING PLATE)	04-6211-03	24
64	M10 X 50 MM MS HOLDING PLATE BOLTS	04-6041-61	12
65	M 10 SS NYLOC NUT	04-6311-03	12



AIR OPERATED DOUBLE DIAPHRAGM PUMPS



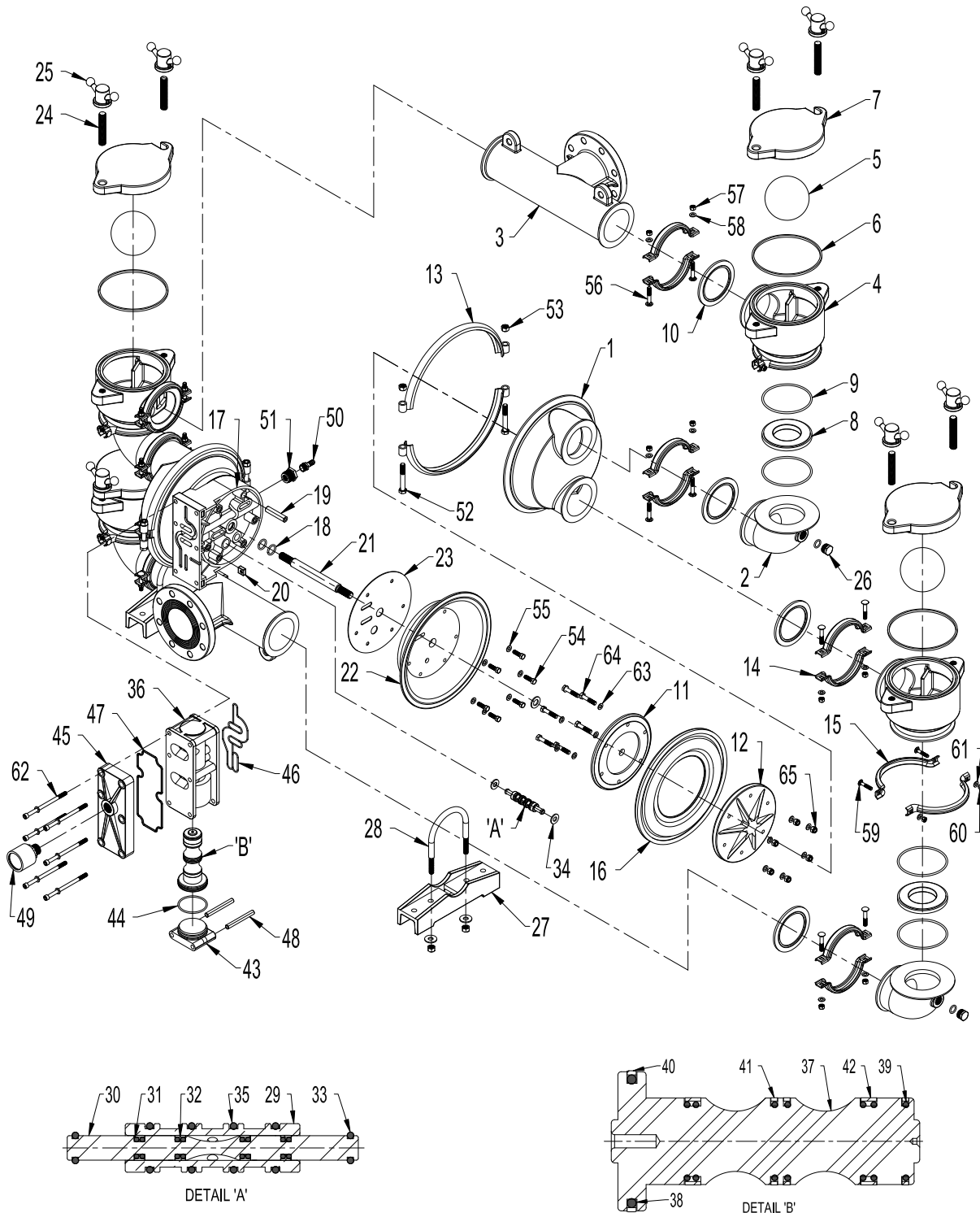
ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 3 – EXPLODED VIEW

4" CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N





AIR OPERATED DOUBLE DIAPHRAGM PUMPS



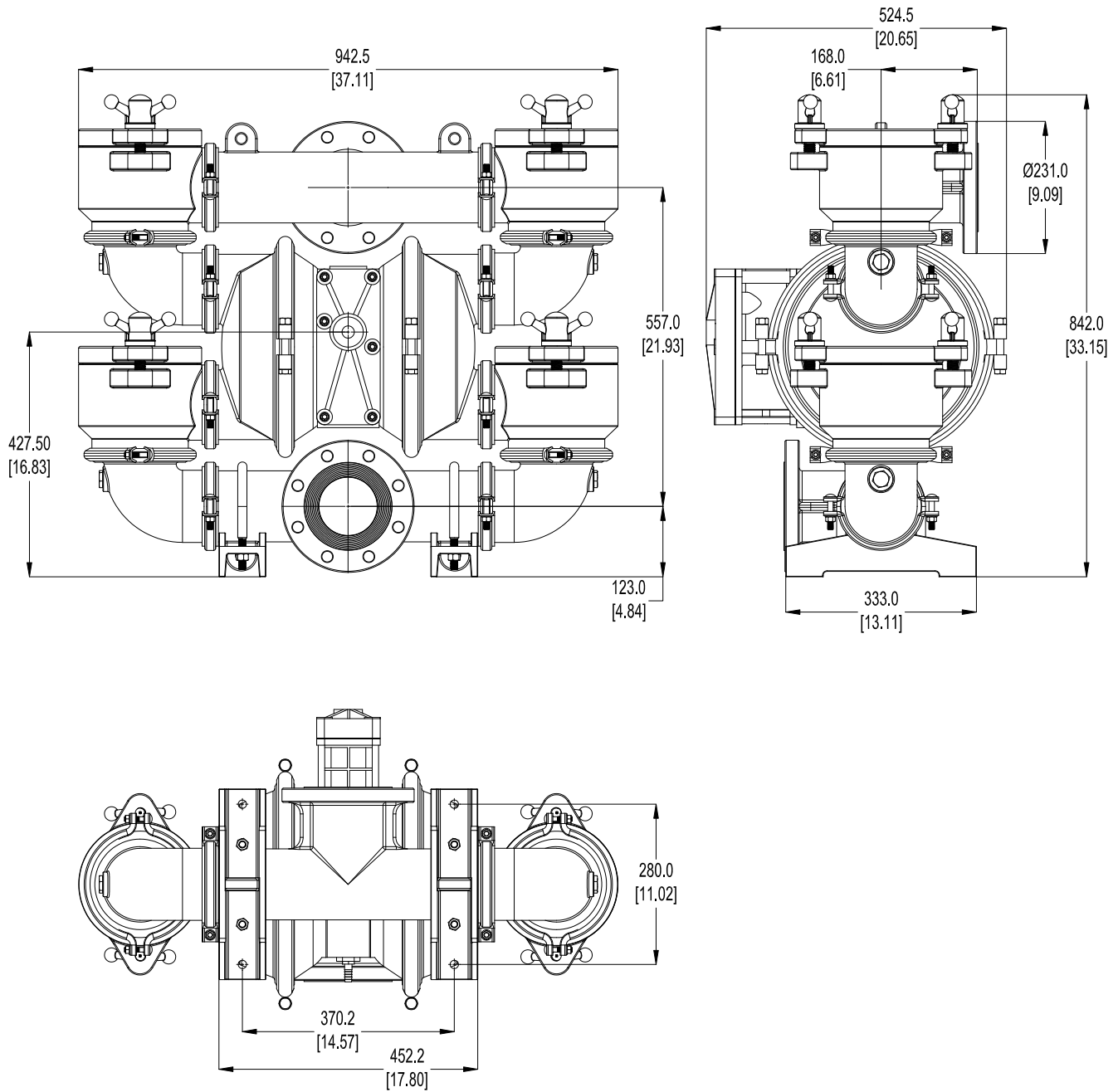
ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 4 – DIMENSIONAL DRAWING

4" CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N





AIR OPERATED DOUBLE DIAPHRAGM PUMPS



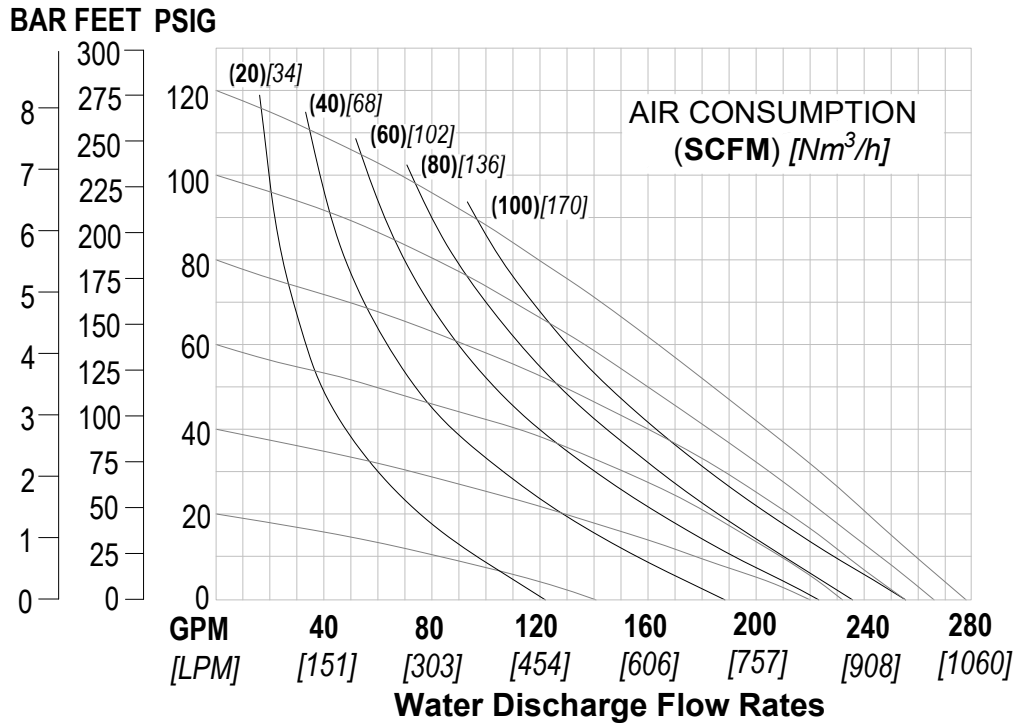
ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

SECTION 5 – SPECIFICATION & PERFORMANCE

4" CAST IRON PUMP

AOD 100/WNPP/HYT/NE/P/N



SPECIFICATIONS:

MAX FLOW RATE:	1048 Lpm (277 gpm)
MAX AIR PRESSURE:	120 psi (8.3 bar)
AIR INLET:	13 mm (1/2" BSP)
PORT INLET:	102 mm (4" BSP)
DISCHARGE:	102 mm (4" BSP)
SUCTION LIFT : DRY :	4.1 m (13.5')
WET :	8.6 m (28.4')
MAX PARTICLE SIZE:	(Dia) 35 mm (1-3/8")
AIR EXHAUST:	25 mm (1" BSP)

SHIPPING DIMENSIONS:

HEIGHT:	1030 mm (40.55")
WIDTH:	690 mm (27.17")
LENGTH:	1050 mm (41.34")
WEIGHT:	295 Kgs

Price Pumps meet ISO 9001-2015, ISO 14001 & CE quality standards.



**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

pricepumps.co.in

NOTES: