

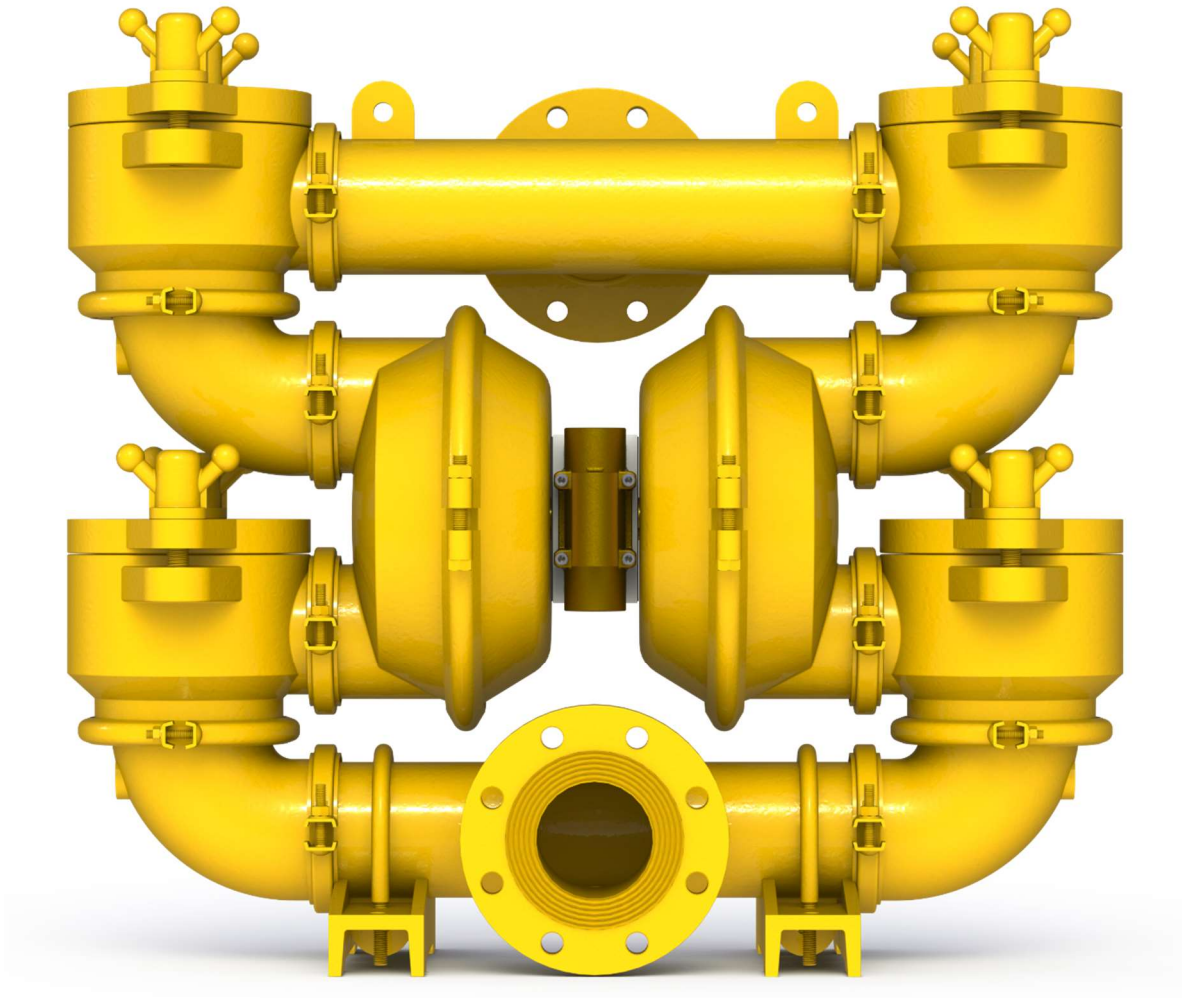


**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

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4" CAST IRON PUMP AOD 100 M1 WNPB/HYT/NE/P/N

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SECTION 1- LEGEND

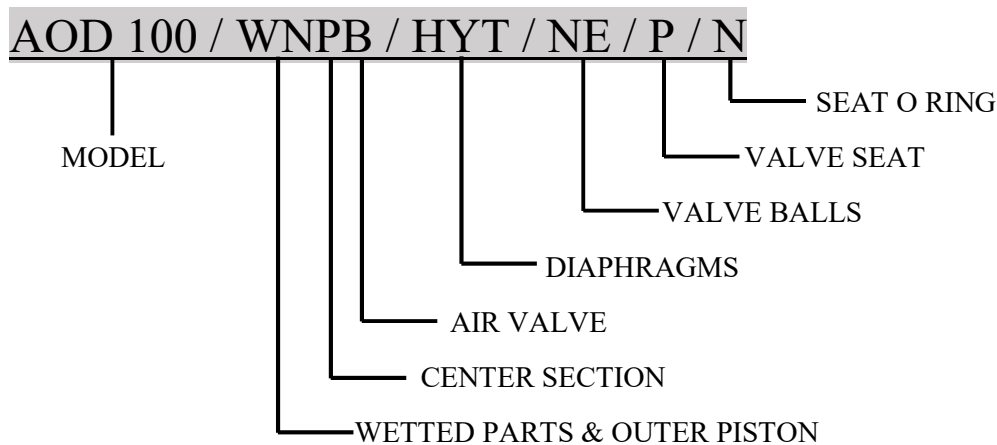
4" CAST IRON PUMP

AOD 100/WNPB/HYT/NE/P/N

MODEL: AOD 100 M1 CAST IRON

102 mm (4") Pump

Maximum Flow Rate: 1048 Lpm (277 gpm)



MATERIAL CODES

MODEL
AOD 100 = 4" PUMP

AIR VALVE
B = BRASS

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



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SECTION 2 – SPARE PART LIST

4" CAST IRON PUMP

AOD 100/WNPB/HYT/NE/P/N

SR No.	DISCRIPTION	PART No	QTY
1	LIQUID CHAMBER	T20-1001-02	2
2	ELBOW CI 4"	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	T15-1301-20	1
18	CENTER BLOCK GLYD RING	T15-3155-56	7
19	MAIN SHAFT	T15-1341-03	1
20	WASHER INNER PISTON	T15-0021-61	2
21	CENTER BLOCK GASKET	T15-0011-51	2
22	AIR CHAMBER	T20-1401-02	1
23	WING NUT STUD	T20-0013-61	8
24	WING NUT	T20-0014-02	8
25	PIPE PLUG	T20-0015-02	4



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

4" CAST IRON PUMP

AOD 100/WNPB/HYT/NE/P/N

SR No.	DISCRIPTION	PART No	QTY
26	FOOT	T20-1390-02	2
27	U-Bolt	T20-0017-61	2
28	AIR VALVE ASSEMBLY	T15-0013-07	1
29	PISTON	T15-1525-01	1
30	AIR VALVE SCREEN	T15-0015-07	1
31	AIR VALVE END CAP WITH GIDE (TOP)	T15-3267-XX	1
32	AIR VALVE END CAP WITHOUT GIDE (BOTTOM)	T15-3268-XX	1
33	P B CAP O RING	T15-3266-51	2
34	AIR VALVE SNAP RING	T15-0019-61	2
35	AIR VALVE GASKET	T15-3321-51	1
36	1" MUFFLER	80-1366-23	1
37	½" X 3½" HEX BOLTS SS (CHAMBER BOLTS)	04-6007-03	4
38	½ SS HEX NUT	04-6301-03	4
39	3/8 X 107 MM SS AIR COVER BOLTS (3"/4" CI EXPORT)	04-6044-03	4
40	3/8" X 60 MM CARRIAGE BOLTS SS (SUC/DIS)	04-6022-03	8
41	3/8 MS HEX NUT	04-6304-61	12
42	3/8 X 20.7 X 1.5 MM SS WASHER (SUC/DIS)	04-6210-03	16
43	5/16" X 45 MM CARRIAGE BOLTS SS	04-6035-03	8
44	5/16" MS HEX NUT	04-6305-61	8
45	5/16" X 17 X 1.5 SS WAHSER	04-6215-03	16
46	5/16 X 2½" SS P B ALLEN BOLTS	04-6048-03	4
47	3/8 X 24 X 3 MM SS WASHER (H P)	04-6211-03	24
48	M10 X 50 MM MS HOLDING PLATE BOLTS	04-6041-61	12
49	M 10 SS NYLOC NUT	04-6311-03	12





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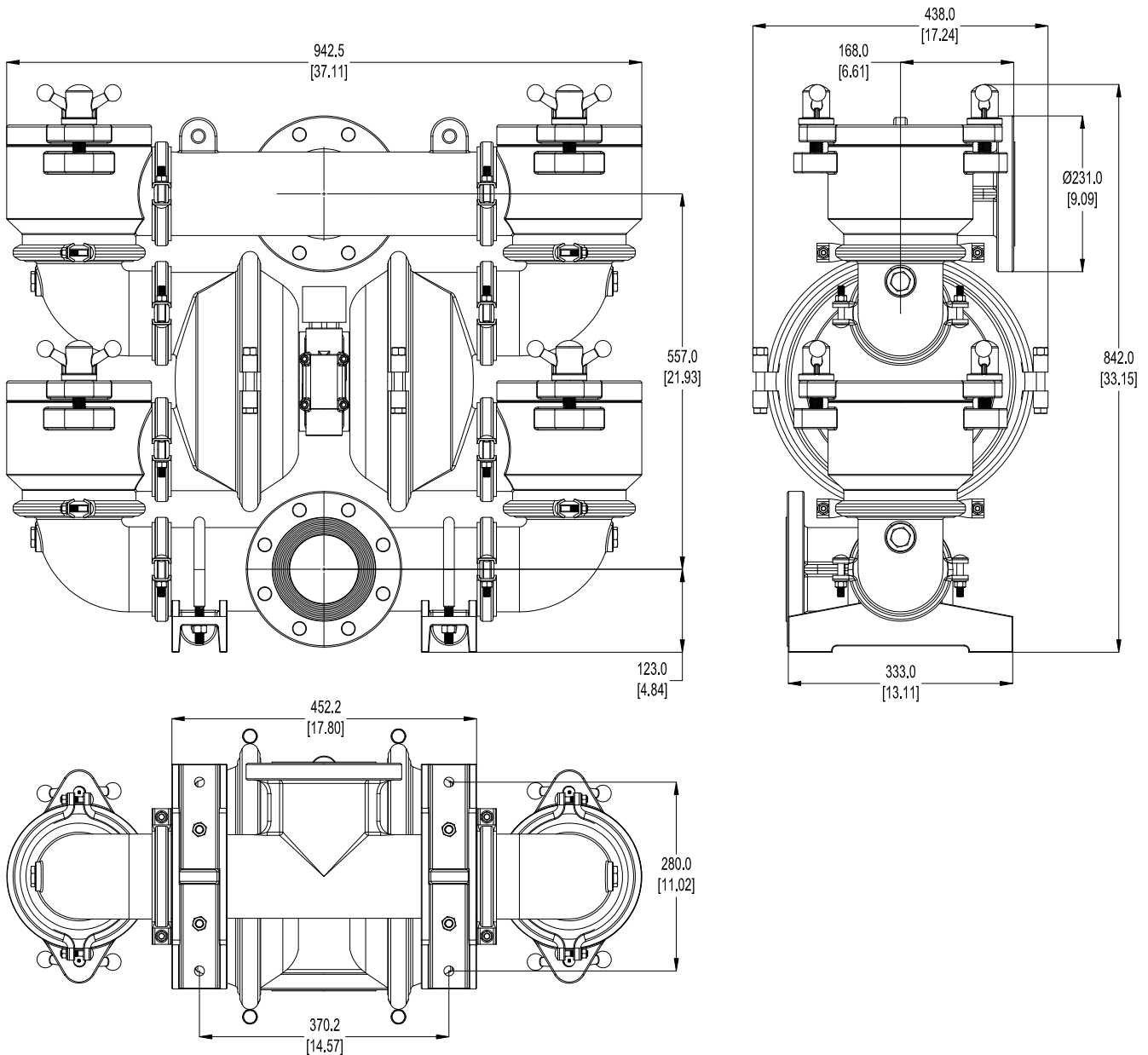
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SECTION 4 – DIMENSIONAL DRAWING

4" CAST IRON PUMP

AOD 100/WNPB/HYT/NE/P/N





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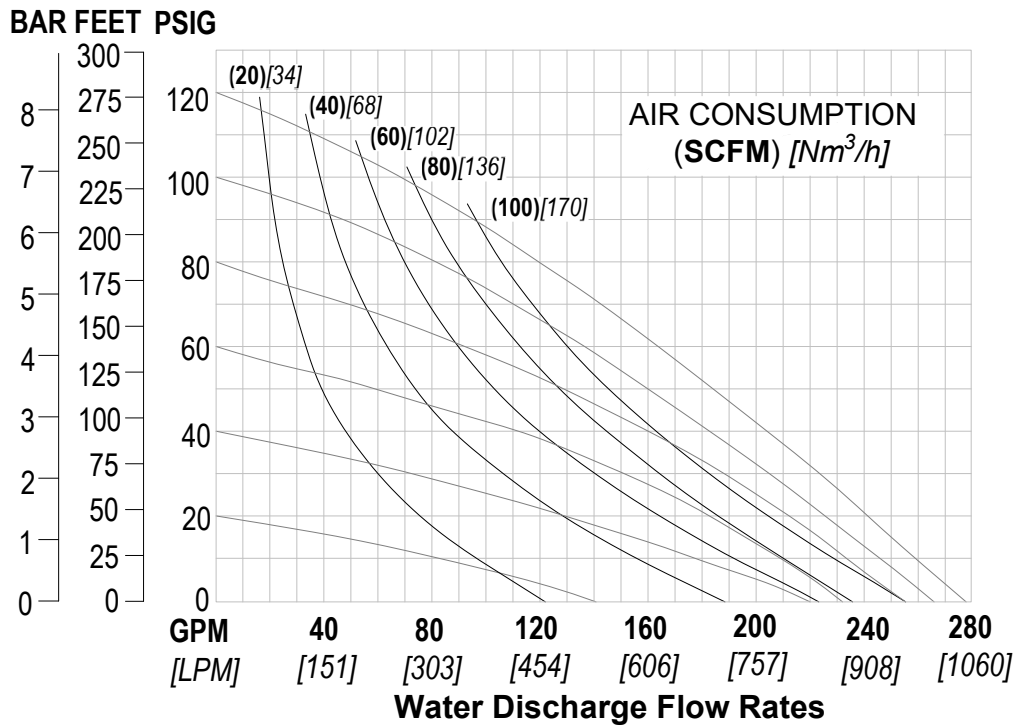
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SECTION 5 – SPECIFICATION & PERFORMANCE

4" CAST IRON PUMP

AOD 100/WNPB/HYT/NE/P/N



SPECIFICATIONS:

MAX FLOW RATE:	1048 Lpm (277 gpm)
MAX AIR PRESSURE:	120 psi (8.3 bar)
AIR INLET:	19 mm (3/4" 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.



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NOTES: