

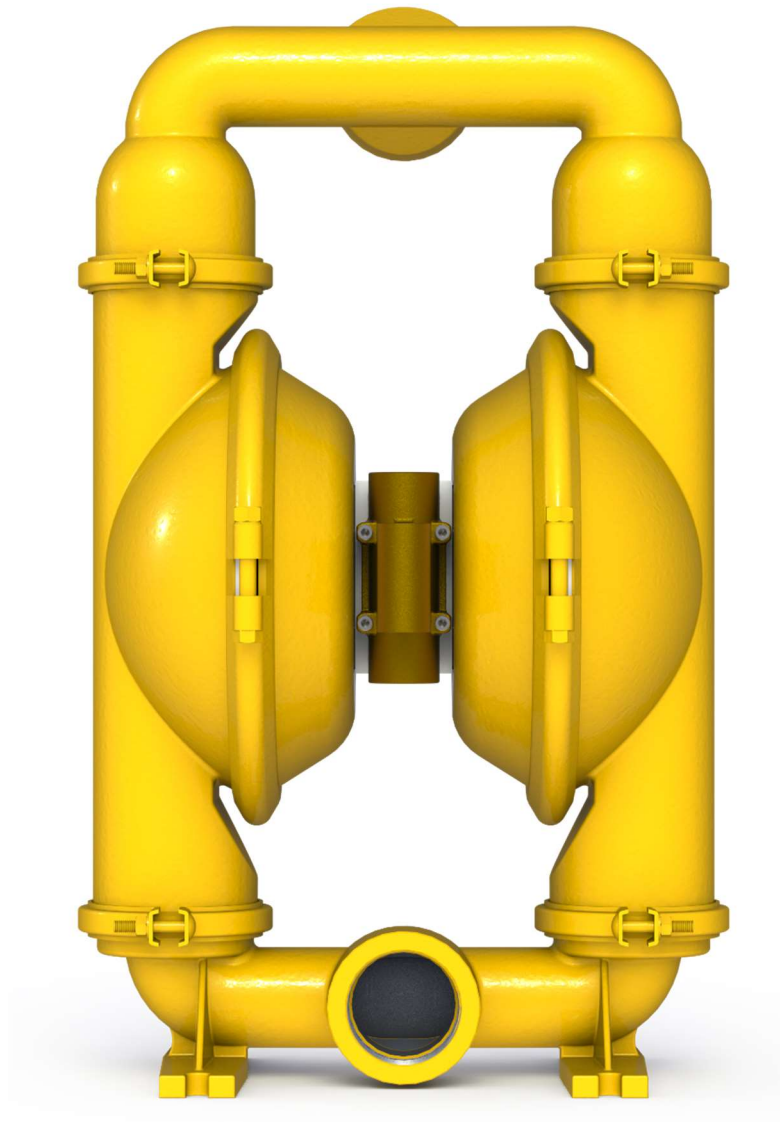


**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

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3" CAST IRON PUMP AOD 80 M1 WWPB/NEO/NE/N

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SECTION 1- LEGEND

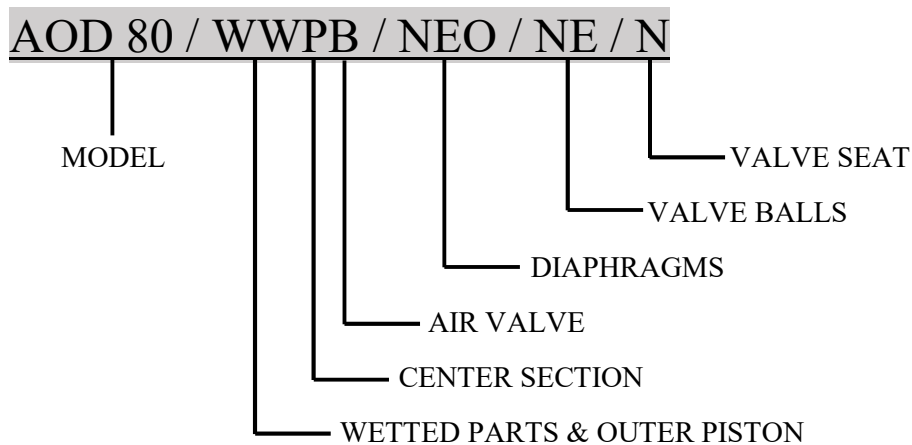
3" CAST IRON PUMP

AOD 80/WWPB/NEO/NE/N

MODEL: AOD 80 M1 CAST IRON

76mm (3") Pump

Maximum Flow Rate: 900 Lpm (238 gpm)



MATERIAL CODES

MODEL
AOD 80 = 3" PUMP

AIR VALVE
B = BRASS

VALVE BALL
NE = NEOPRENE

WETTED PARTS & OUTER PISTON
WW = CAST IRON /
CAST IRON

DIAPHRAGMS
NEO = NEOPRENE

VALVE SEAT
N = NEOPRENE

CENTER SECTION
P = POLYPROPYLENE



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SECTION 2 – SPARE PART LIST

3” CAST IRON PUMP

AOD 80/WWPB/NEO/NE/N

SR No.	DISCRIPTION	PART No	QTY
1	LIQUID CHAMBER	T15-1002-02	2
2	SUCTION MANIFOLD	T15-1021-02	1
3	DISCHARGE MANIFOLD	T15-1031-02	1
4	NRV BALL	50-1041-51	4
5	BALL SEAT	T15-1081-51	4
6	HOLDING PLATE	T20-1111-61	2
7	LOCK NUT	T20-1131-02	2
8	DIAPHRAGM	80-2021-51	2
9	SUCTION DISCHARGE CLAMP	80-1222-61	4
10	CHAMBER CLAMP	80-1231-61	2
11	CENTER BLOCK	T15-1302-20	1
12	CENTER BLOCK GLYD RING	T15-3151-51	7
13	MAIN SHAFT	T15-1341-03	1
14	WASHER INNER PISTON	T15-0021-61	2
15	CENTER BLOCK GASKET	T15-0011-51	2
16	AIR CHAMBER	T15-1402-02	2
17	AIR VALVE ASSEMBLY	T15-0014-07	1
18	PISTON	T15-1525-01	1
19	AIR VALVE SCREEN	T15-0015-07	1
20	AIR VALVE END CAP WITHOUT GIDE (BOTTOM)	T15-3268-24	1
21	P B CAP O RING	T15-3266-51	2
22	AIR VALVE END CAP WITH GIDE (TOP)	T15-3267-24	1
23	AIR VALVE SNAP RING	T15-0019-61	2
24	AIR VALVE GASKET	T15-3322-51	1



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

3" CAST IRON PUMP

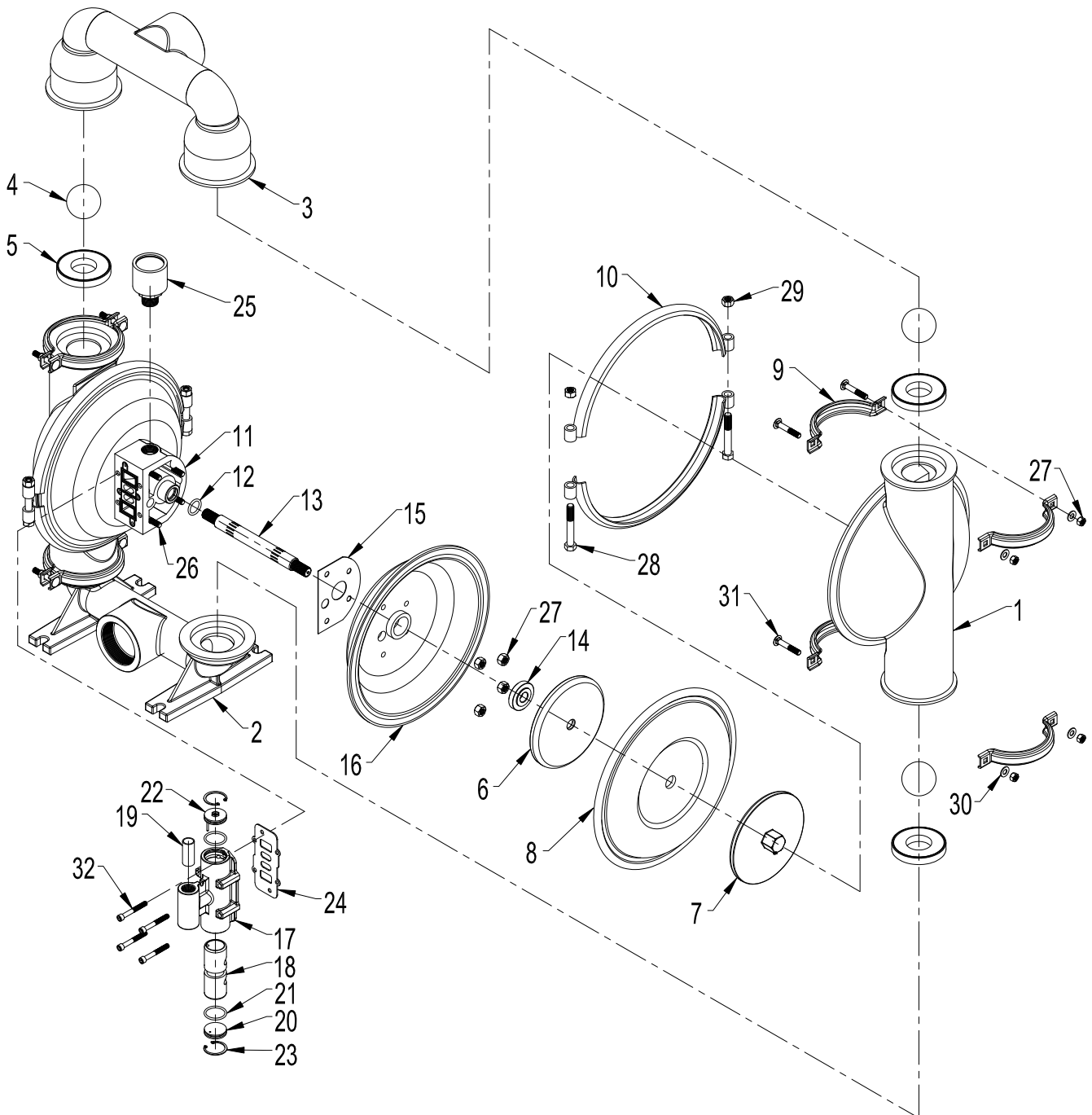
AOD 80/WWPB/NEO/NE/N

SR No.	DISCRIPTION	PART No	QTY
25	1" MUFFLER	80-1366-23	1
26	3/8 X 107 MM SS AIR COVER BOLTS (3"/4" CI EXPORT)	04-6044-03	4
27	3/8 MS HEX NUT	04-6304-61	12
28	1/2" X 3 1/2" HEX BOLTS SS (CHAMBER BOLTS)	04-6007-03	4
29	1/2 SS HEX NUT	04-6301-03	4
30	3/8 X 20.7 X 1.5 MM SS WASHER (SUC/DIS)	04-6210-03	8
31	3/8" X 60 MM CARRIAGE BOLTS SS (SUC/DIS)	04-6022-03	8
32	5/16 X 2 1/2" SS P B ALLEN BOLTS	04-6048-03	4

SECTION 3 – EXPLODED VIEW

3" CAST IRON PUMP

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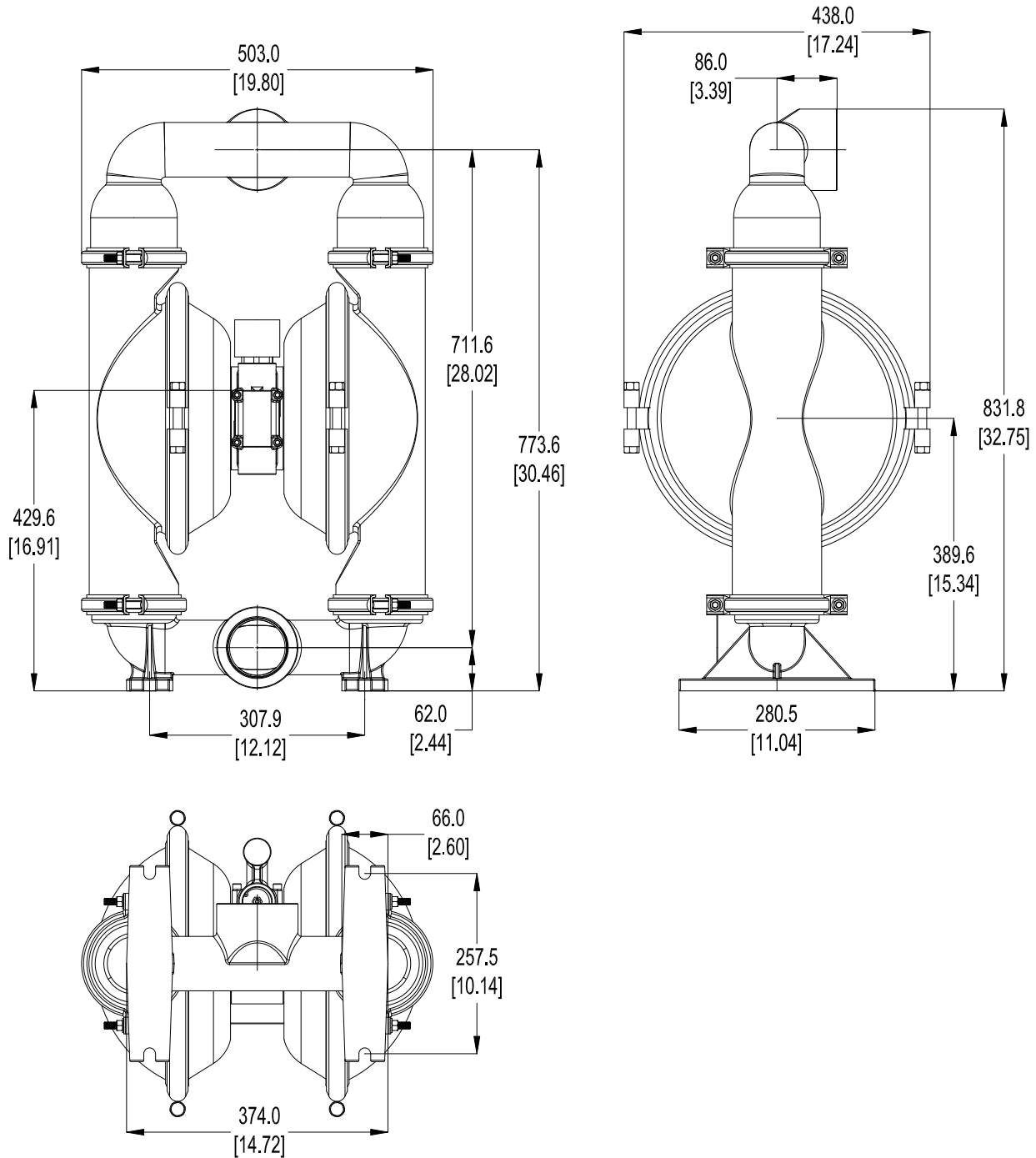
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SECTION 4 – DIMENSIONAL DRAWING

3" CAST IRON PUMP

AOD 80/WWPB/NEO/NE/N





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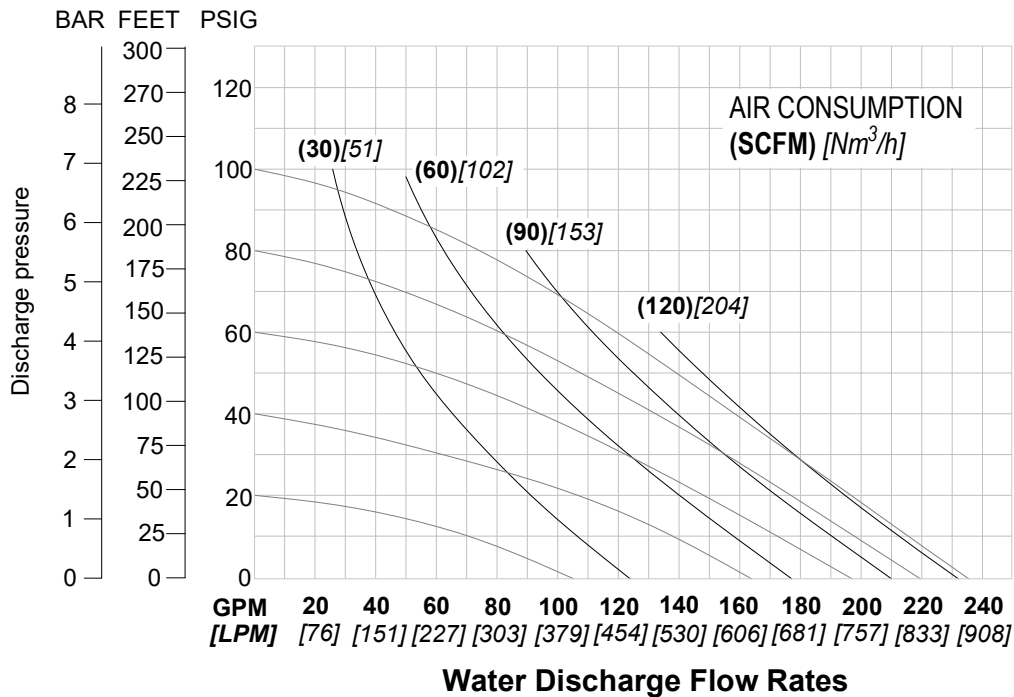
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SECTION 5 – SPECIFICATION & PERFORMANCE

3" CAST IRON PUMP

AOD 80/WWPB/NEO/NE/N



SPECIFICATIONS:

MAX FLOW RATE:	900 Lpm (238 gpm)
MAX AIR PRESSURE:	100 psi (6.9 bar)
AIR INLET:	19 mm (3/4" BSP)
PORT INLET:	76 mm (3" BSP)
DISCHARGE:	76 mm (3" BSP)
SUCTION LIFT : DRY :	6.6 m (21.6')
WET :	8.6 m (28.4')
MAX PARTICLE SIZE:	(Dia) 9.5 mm (3/8")
AIR EXHAUST:	25 mm (1" BSP)

SHIPPING DIMENSIONS:

HEIGHT:	640 mm (25.19")
WIDTH:	650 mm (25.59")
LENGTH:	960 mm (37.79")
WEIGHT:	135 Kgs

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



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NOTES: