

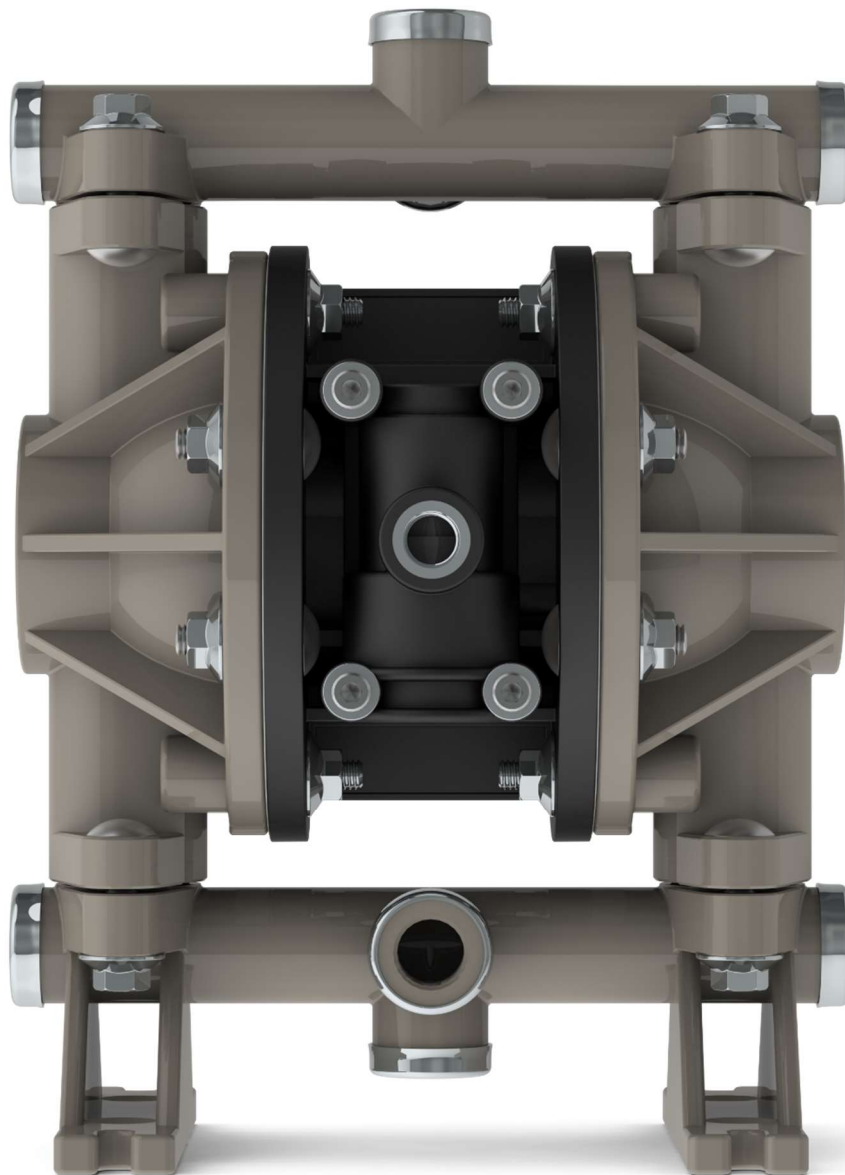


**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

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**1/2" POLYPROPYLENE PUMP
AOD 150 AF PPGP/TEF/TF/P/V**

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SECTION 1- LEGEND

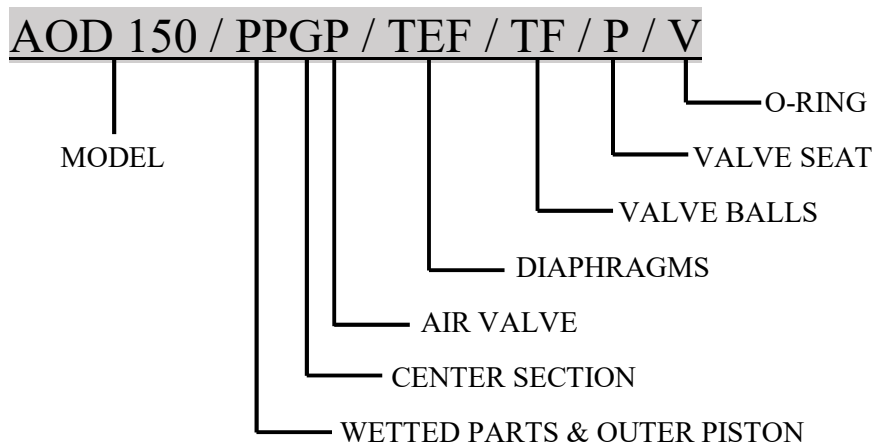
½" POLYPROPYLENE PUMP

AOD 150/PPGP/TEF/TF/P/V

MODEL: AOD 150 AF POLYPROPYLENE

13mm (½") Pump

Maximum Flow Rate: 49.2 Lpm (13 gpm)



MATERIAL CODES

MODEL
AOD 150 = ½" PUMP

AIR VALVE
P = POLYPROPYLENE

VALVE BALL
TF = TEFLON

WETTED PARTS & OUTER PISTON
PP = POLYPROPYLENE/
POLYPROPYLENE

DIAPHRAGMS
TEF = TEFLON

VALVE SEAT
P = POLYPROPYLENE

CENTER SECTION
G = GLASS FILLED
POLYPROPYLENE

VALVE SEAT O-RING
V = VITON



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SECTION 2 – SPARE PART LIST

½” POLYPROPYLENE PUMP

AOD 150/PPGP/TEF/TF/P/V

SR No.	DISCRIPTION	PART No	QTY
1	LIQUID CHAMBER	A15-1001-20	2
2	SUCTION MANIFOLD	A15-1021-20	1
3	DISCHARGE MANIFOLD	A15-1031-20	1
4	DIAPHRAGM	A15-2001-55	2
5	BACK UP DIAPHRAGM	A15-2101-56	2
6	NRV BALL	15-1041-55	4
7	BALL CAGE	15-1093-20	4
8	BALL SEAT	A15-1061-20	4
9	MANIFOLD PLUG	A15-1361-21	6
10	SEAT O RING BIG	A15-3101-53	4
11	SEAT O RING SMALL	A15-3111-53	4
12	HOLDING PLATE	A15-1111-20	2
13	LOCK NUT	A15-1131-20	2
14	CENTER BLOCK	A15-1301-23	1
15	SLEEVE	A15-0011-07	1
16	SLEEVE O RING	A15-0012-51	2
17	MAIN SHAFT	A15-1341-03	1
18	MAIN SHAFT O RING	A15-0014-51	1
19	PILOT SHAFT	A15-1451-03	1
20	SPACER	A15-1491-01	3
21	PILOT SHAFT LOCK RING	A15-3186-03	2
22	PILOT SHAFT LOCK WASHER	A15-0021-03	2
23	PILOT SHAFT CIRCLIP	A15-1582-03	2
24	PILOT SHAFT CIRCLIP	A15-1583-03	2
25	PILOT O RING	A15-3176-56	4



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

½” POLYPROPYLENE PUMP

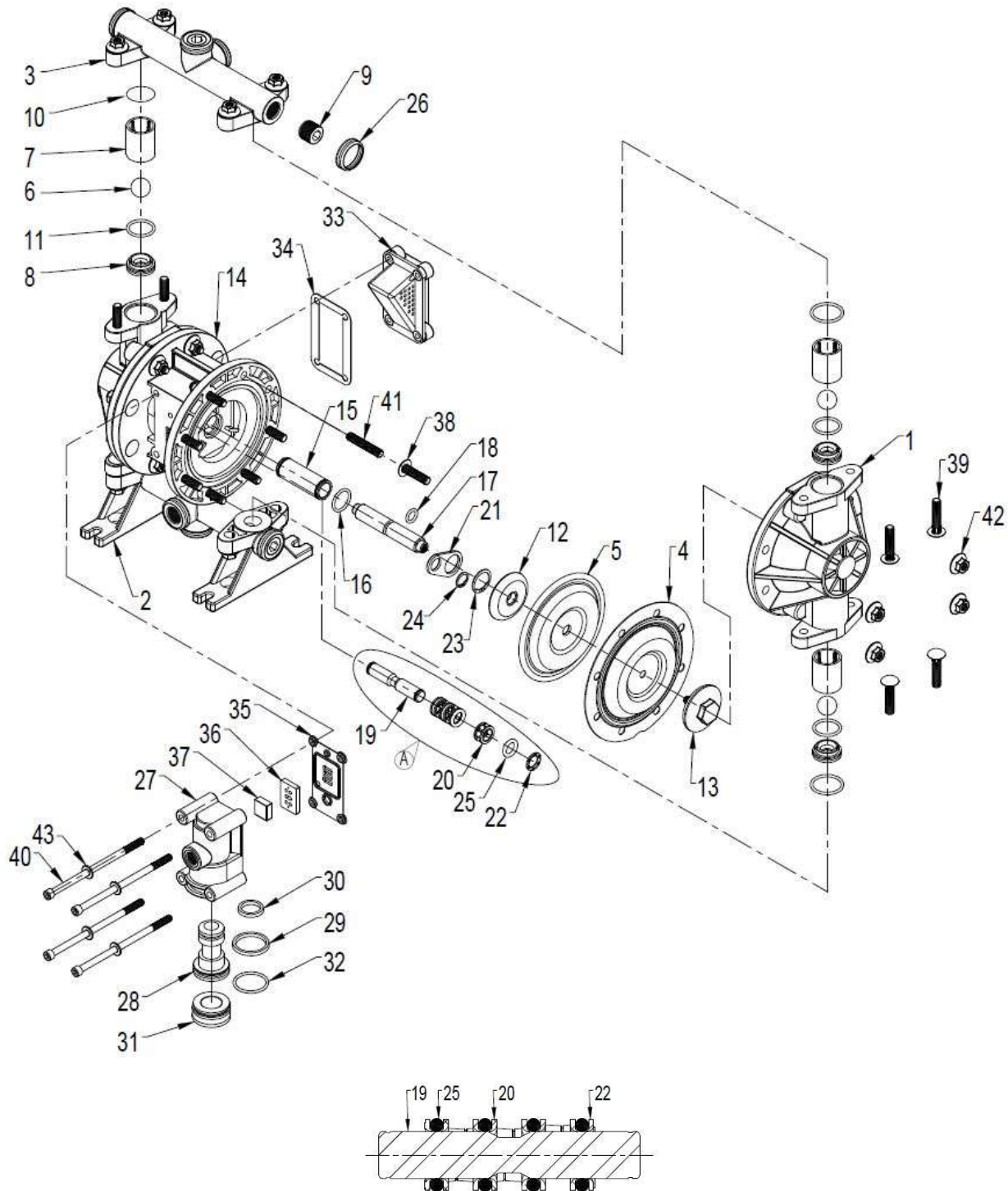
AOD 150/PPGP/TEF/TF/P/V

SR No.	DISCRIPTION	PART No	QTY
26	SUCTION/DISCHARGE MANIFOLD	A15-0025-03	8
27	PISTON BLOCK	A15-1501-20	1
28	PISTON	A15-1521-69	1
29	U CUP BIG	A15-0028-51	1
30	U CUP SMALL	A15-0029-51	1
31	PISTON PLUG	A15-1571-20	1
32	PISTON PLUG O'RING	A15-3267-51	1
33	PISTON BLOCK EXHAUST COVER	A15-0032-23	1
34	PISTON BLOCK EXHAUST GASKET	A15-0033-60	1
35	PISTON BLOCK GASKET	A15-3324-51	1
36	VALVE PLATE	A15-0035-XX	1
37	VALVE INSERT	A15-0036-XX	1
38	5/16" X 2" CARRAIGE BOLTS SS (CHAMBER BOLT)	04-6032-03	8
39	5/16" X 1½" CARRIAGE BOLTTSS (SUC/DIS)	04-6029-03	8
40	¼ X 5" MS P B ALLEN BOLT	04-6303-61	4
41	5/16 X 45 MM SS STUD	04-6104-03	8
42	FLANGE NUT SS M 8	04-6306-03	24
43	¼ X 12.5 X 1.2 MM SS WASHER (P B ALLEN BOLT)	04-6202-03	4

SECTION 3 – EXPLODED VIEW

½" POLYPROPYLENE PUMP

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DETAIL 'A'



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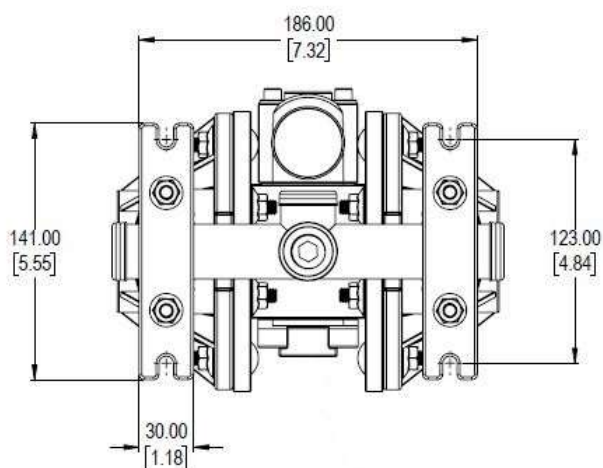
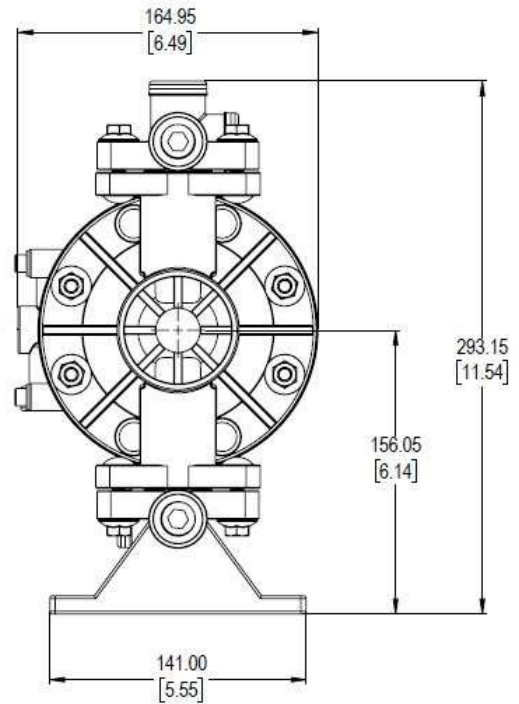
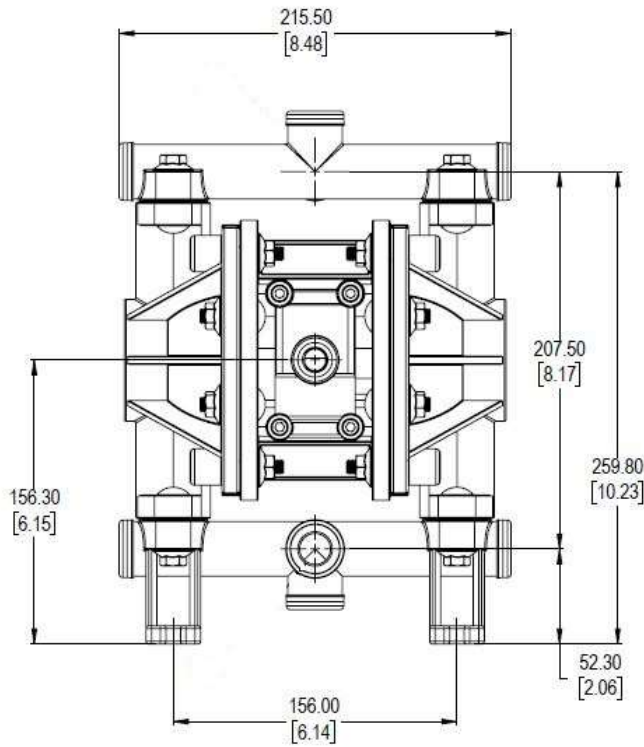
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SECTION 4 – DIMENSIONAL DRAWING

½" POLYPROPYLENE PUMP

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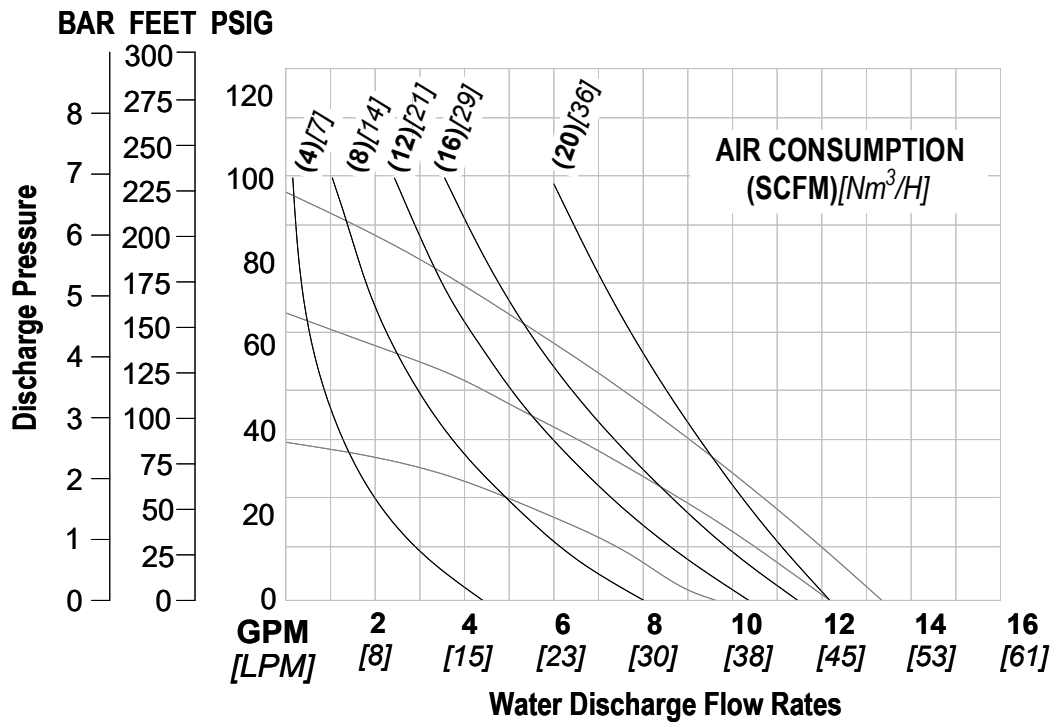
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SECTION 5 – SPECIFICATION & PERFORMANCE

½" POLYPROPYLENE PUMP

AOD 150/PPGP/TEF/TF/P/V



SPECIFICATIONS:

MAX FLOW RATE:	49.2 Lpm (13 gpm)
MAX AIR PRESSURE:	100 psi (6.9 bar)
AIR INLET:	6 mm (1/4" BSP)
PORT INLET:	13 mm (1/2" BSP)
DISCHARGE:	13 mm (1/2" BSP)
MAX PARTICLE SIZE:	(Dia) 2.4 mm (3/32")
AIR EXHAUST:	N/A

SHIPPING DIMENSIONS:

HEIGHT:	350 mm (13.78")
WIDTH:	280 mm (11.02")
LENGTH:	250 mm (09.84")
WEIGHT:	5.5 Kgs

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



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NOTES: