



**AIR OPERATED
DOUBLE
DIAPHRAGM
PUMPS**



ISO 9001: 2008
ISO 14001: 2004

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**2" GFPP PUMP
D 50 FV GSGG/NEO/NE/S/N**

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SECTION 1- LEGEND

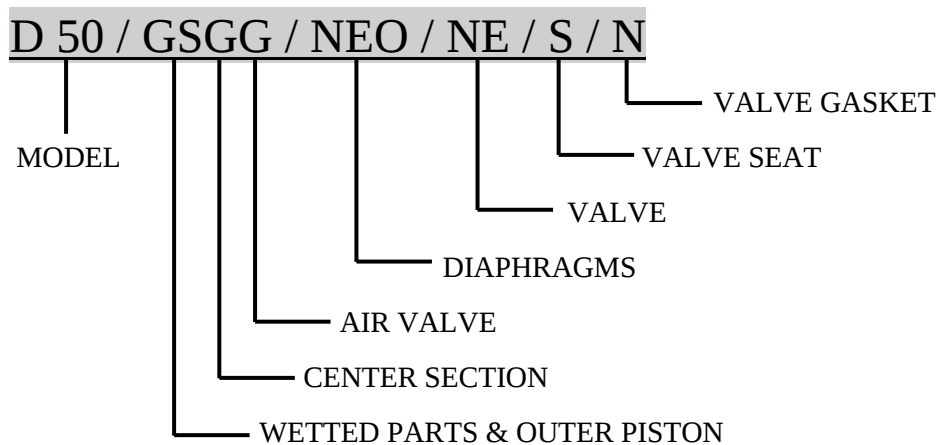
2" GFPP PUMP

D 50/GSGG/NEO/NE/S/N

MODEL: D 50 FV GLASS FILLED POLYPROPYLENE

51 mm (2") Pump

Maximum Flow Rate: 550 Lpm (145.3 gpm)



MATERIAL CODES

MODEL

D 50 = 2" PUMP

AIR VALVE

G = GLASS FILLED
POLYPROPYLENE

FLAP VALVE

NE = NEOPRENE

WETTED PARTS & OUTER PISTON

GS = GFPP /
STAINLESS STEEL

DIAPHRAGMS

NEO = NEOPRENE

VALVE SEAT

S = STAINLESS STEEL

CENTER SECTION

G = GLASS FILLED
POLYPROPYLENE

VALVE SEAT GASKET

N = NEOPRENE



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SECTION 2 – SPARE PART LIST

2” GFPP PUMP

D 50/GSGG/NEO/NE/S/N

SR No.	DISCRIPTION	PART No	QTY
1	LIQUID CHAMBER	FV-1001-23	2
2	3/8 X 65 MM STUD	04-6102-03	16
3	FLAP VALVE	FV-0003-51	4
4	FLAP VALVE PAD	FV-0004-51	4
5	RETAINER WITH BOLT	FV-0005-03	4
6	O GASKET	FV-0006-51	4
7	FLAP VALVE SEAT	FV-0007-03	4
8	SUCTION PLATE	FV-2142-23	2
9	TEE O RING	50-3146-51	4
10	SUCTION BEND	FV-2141-23	2
11	SUCTION DISCHARGE TEE	FV-1201-23	2
12	TEE CLAMP	50-1211-61	8
13	FLANGE GASKET	FV-0012-51	4
14	DISCHARGE PLATE	FV-2152-23	2
15	DISCHARGE BEND	FV-2151-23	2
16	CHAMBER CLAMP	50-1232-61	4
17	HOLDING PLATE	50-1111-01	2
18	DIAPHRAGM	FV-2021-51	2
19	OUTER DIAPHRAGM PLATE	FV-0016-03	2
20	CSK ALLEN BOLT	FV-0017-03	2
21	CENTER BLOCK	50-1306-23	1
22	CENTER BLOCK O RING	40-3151-51	4
23	CENTER BLOCK PIPE	40-1316-03	4
24	MAIN SHAFT	FV-1341-03	1
25	AIR COVER GASKET	50-3311-60	2
26	AIR COVER	FV-1401-02	2



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

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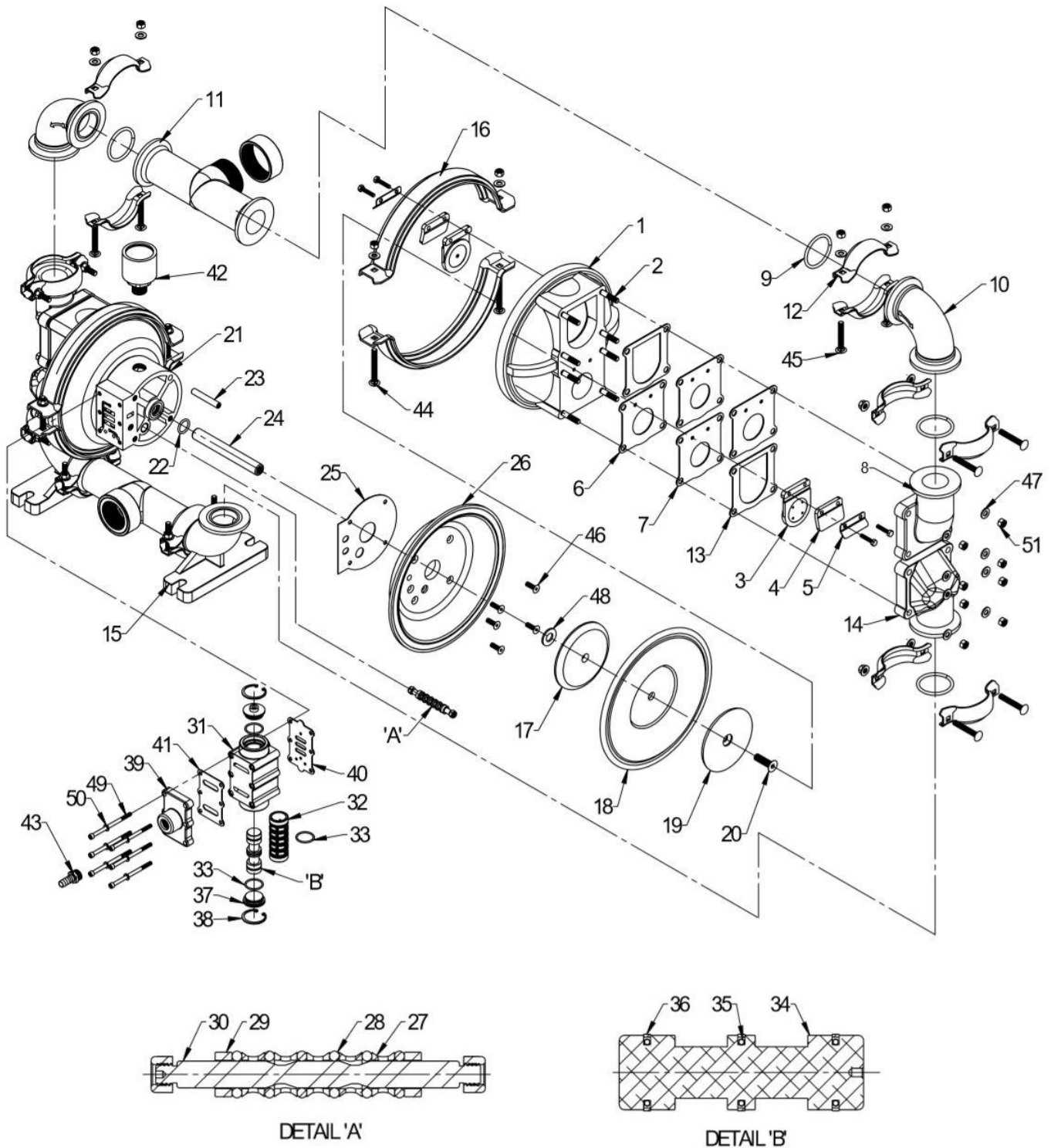
D 50/GSGG/NEO/NE/S/N

SR No.	DISCRIPTION	PART No	QTY
27	PILOT DRILL BUSH	40-1493-07	5
28	PILOT SHAFT O RING	40-3176-51	6
29	PILOT PLANE BUSH	40-1491-07	2
30	PILOT SHAFT	40-1455-03	1
31	PISTON BLOCK	50-1506-23	1
32	PISTON BLOCK BUSH	50-1541-07	1
33	PISTON BLOCK CAP/ PISTON BLOCK BUSH O RING	80-3271-51	8
34	PISTON	50-1525-01	1
35	PISTON O RING	50-3205-51	3
36	PISTON RING	50-3261-64	3
37	PISTON BLOCK CAP	50-1575-63	2
38	PISTON BLOCK CAP CIRCLIP	50-1581-61	2
39	PISTON BLOCK COVER	50-1564-23	1
40	PISTON BLOCK GASKET	50-3324-60	1
41	PISTON BLOCK COVER GASKET	50-3334-60	1
42	EXHAUST	40-1366-23	1
43	AIR NIPPLE	50-1371-07	1
44	3/8" X 80 MM CARRIAGE BOLTS SS (CHAMBER BOLTS)	04-6023-03	4
45	3/8" X 60 MM CARRIAGE BOLTS SS (SUC/DIS)	04-6022-03	16
46	5/16" X 1" CSK BOLTS SS (AIR COVER)	04-6027-03	10
47	3/8 X 20.7 X 1.5 MM SS WASHER (CHAMBER)	04-6210-03	36
48	5/8 X 35 X 3 MM MS WASHER (HOLDING PLATE)	04-6217-61	2
49	1/4" X 4" ALLEN BOLTS MS (PISTON BLOCK)	04-6005-61	4
50	1/4 X 12.5 X 1.2 MM SS WASHER (PISTON BLOCK ALLEN BOLT)	04-6202-03	6
51	3/8 MS HEX NUT	04-6304-61	36

SECTION 3 – EXPLODED VIEW

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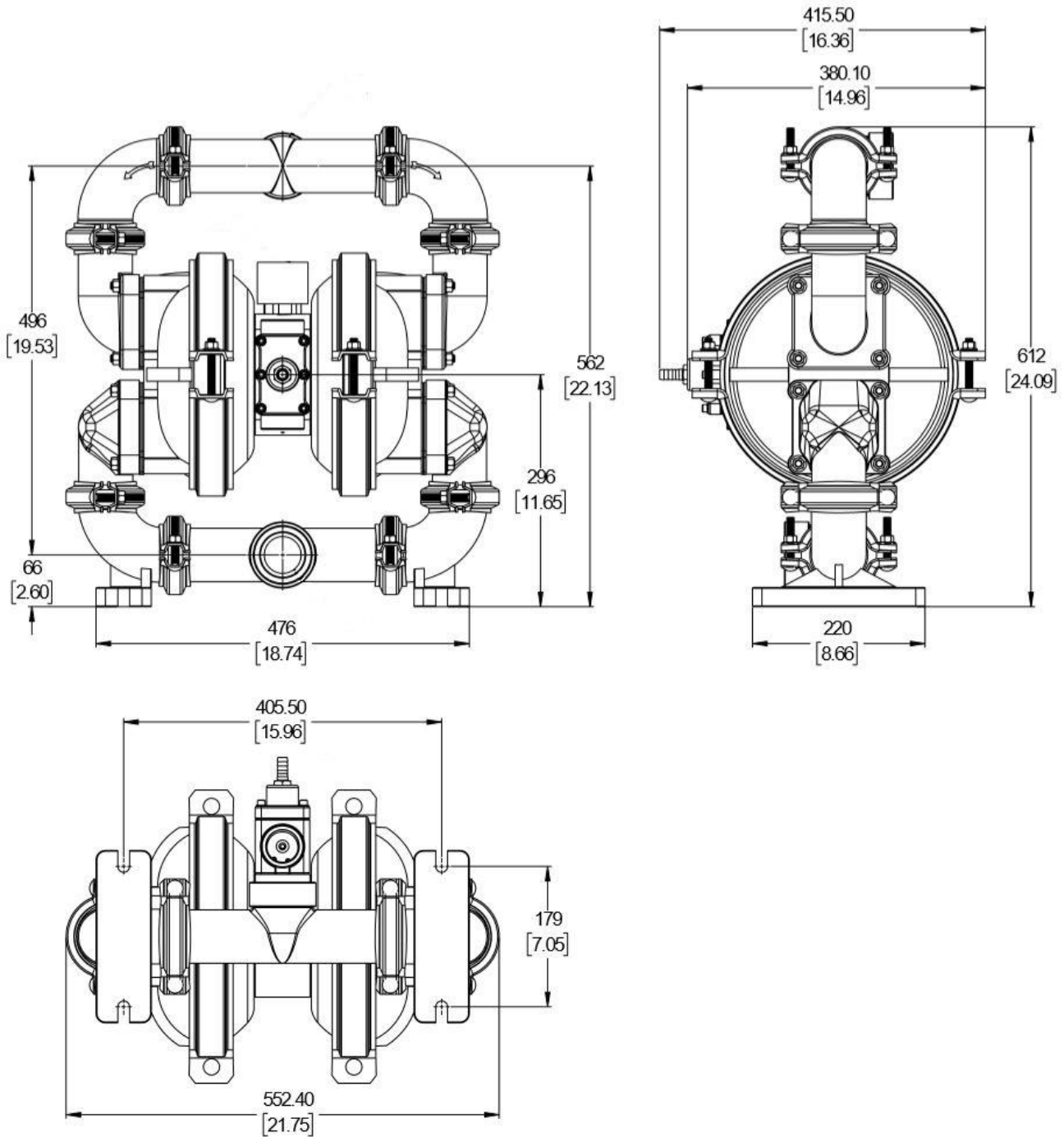
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SECTION 4 – DIMENSIONAL DRAWING

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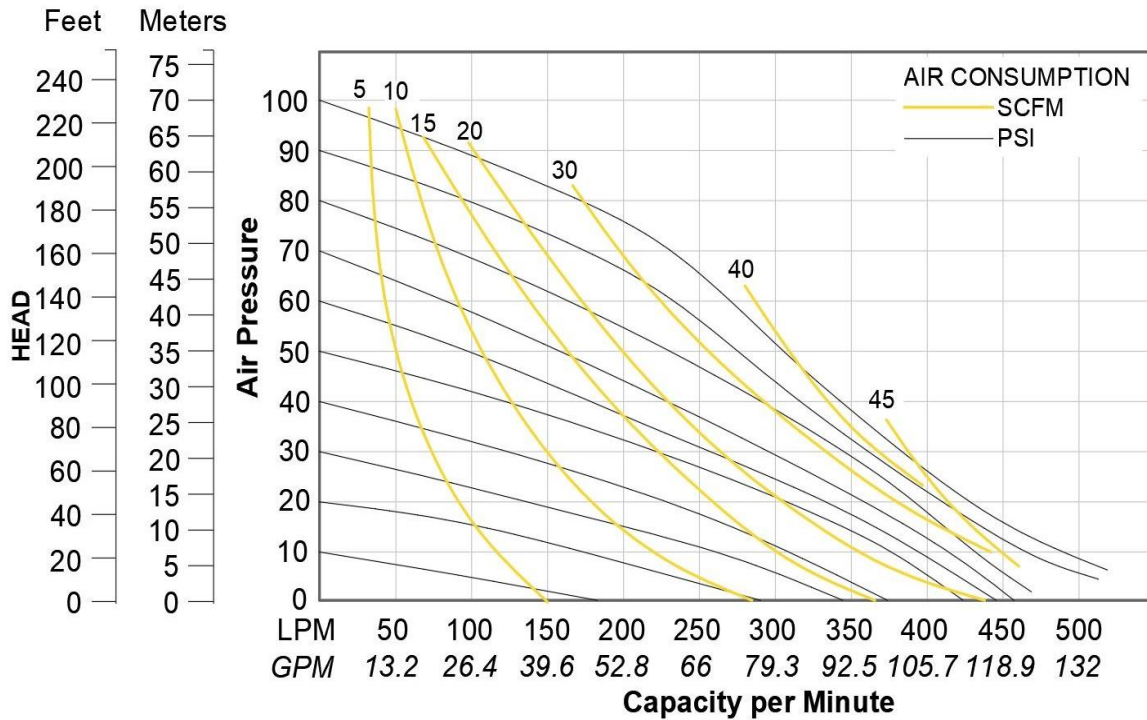
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SECTION 5 – SPECIFICATION & PERFORMANCE

2" GFPP PUMP

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SPECIFICATIONS:

MAX FLOW RATE:	550 Lpm (145.3 gpm)
MAX AIR PRESSURE:	7 Kgs
AIR INLET:	13 mm (1/2" BSP)
PORT INLET:	51 mm (2" BSP)
DISCHARGE:	51 mm (2" BSP)
SUCTION LIFT : DRY :	4.5 m (14.76')
WET :	6 m (19.68')
MAX PARTICLE SIZE:	(Dia) 45 mm (1.77")
AIR EXHAUST:	(3/4" BSP)

SHIPPING DIMENSIONS:

HEIGHT:	630 mm (24.80")
WIDTH:	360 mm (14.17")
LENGTH:	570 mm (22.44")
WEIGHT:	42 Kgs

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



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NOTES: