

SALES & ENGINEERING DATA

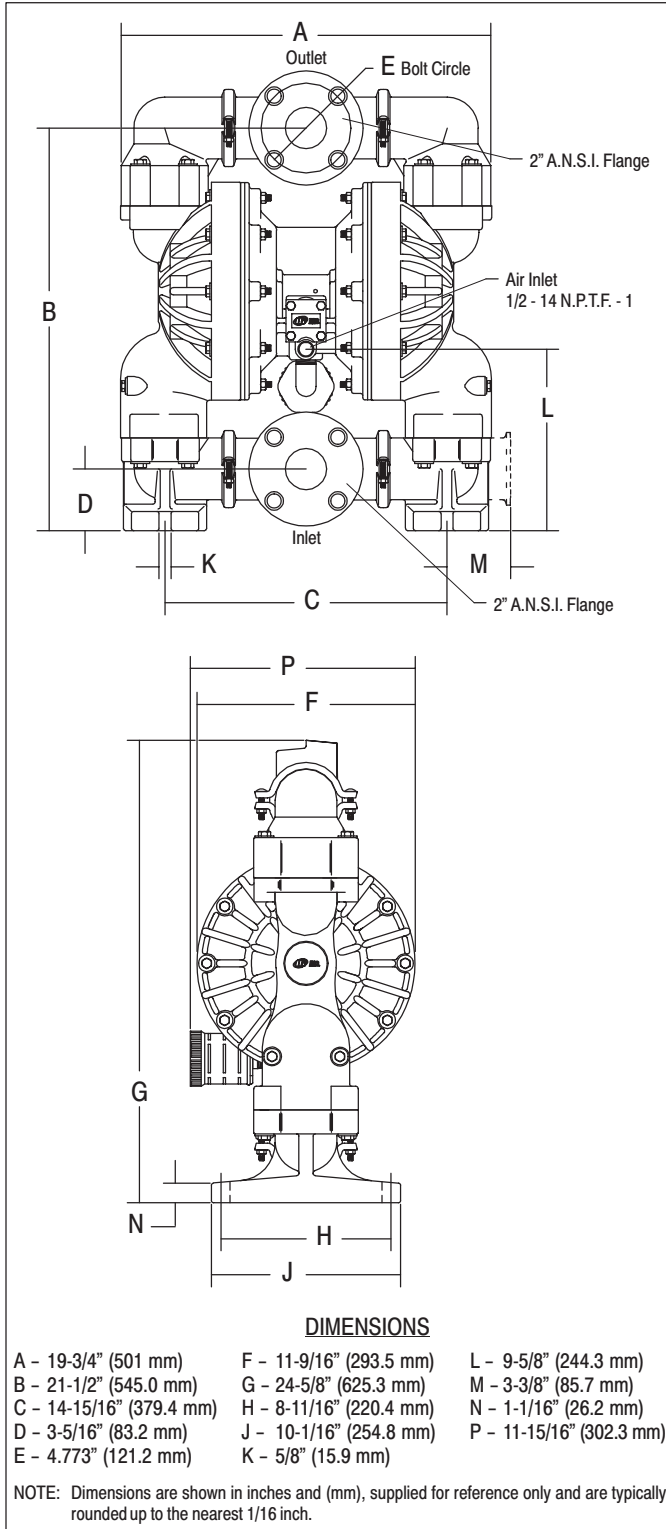
RATIO SERIES: **1:1**

FLUID P.S.I. RANGE: **20 - 120**

6662A3-XXX-C THRU 6662B4-XXX-C 2" NON-METALLIC DIAPHRAGM PUMP

RELEASED: 1-31-97
REVISED: 5-22-02
S-877

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series	6662A3-XXX-C thru 6662B4-XXX-C
Pump Type	Non-Metallic, Air Operated, Double Diaphragm
Ratio	1:1
Material Inlet / Outlet	2" A.N.S.I. Class 150 Flange
Air Inlet (female)	1/2 - 14 N.P.T.F. - 1
Air Exhaust (female)	3/4 - 14 N.P.T.F. - 1
Weight	Polypropylene 62 lbs (28.1 kgs) Kynar (P.V.D.F.) 92 lbs (41.7 kgs)
	[add 23 lbs (10.4 kgs) for cast iron air motor section]
Air Section Service Kit	637118-C
Fluid Section Service Kit	637165-XX

6662A3 - X -C
637165 -

Diaphragm Material
Ball Material

EXAMPLE: Model 6662A3-344-C
Fluid Section Service Kit is 637165-44

PERFORMANCE

Air Inlet Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Fluid Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Maximum Material Inlet Pressure	10 p.s.i. (0.69 bar)
Maximum Flow Rate (flooded inlet)	145 g.p.m. (548.8 l.p.m.)
Maximum Particle Size	1/4" dia. (6.4 mm)
Maximum Temperature Limits	
Polypropylene	35° to 150° F (2° to 66° C)
Kynar (P.V.D.F.)	10° to 200° F (-12° to 93° C)
Displacement / Cycle @ 100 p.s.i.	0.72 gal. (2.7 lit.)
Noise Level @ 70 p.s.i. - 60 c.p.m.①	77.7 db(A)②

Notes:

- ① Tested with 93139 muffler installed.
- ② The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROPS S5.1 using four microphone locations.

ACCESSORIES:

- 65010 Neoprene "O" Ring Air Motor Kit
- 65764 Viton "O" Ring Air Motor Kit
- 66084-1 Air Line Kit



PERFORMANCE CURVES

6662XX-XXX-C 2" NON-METALLIC DIAPHRAGM PUMP

