

SALES & ENGINEERING DATA

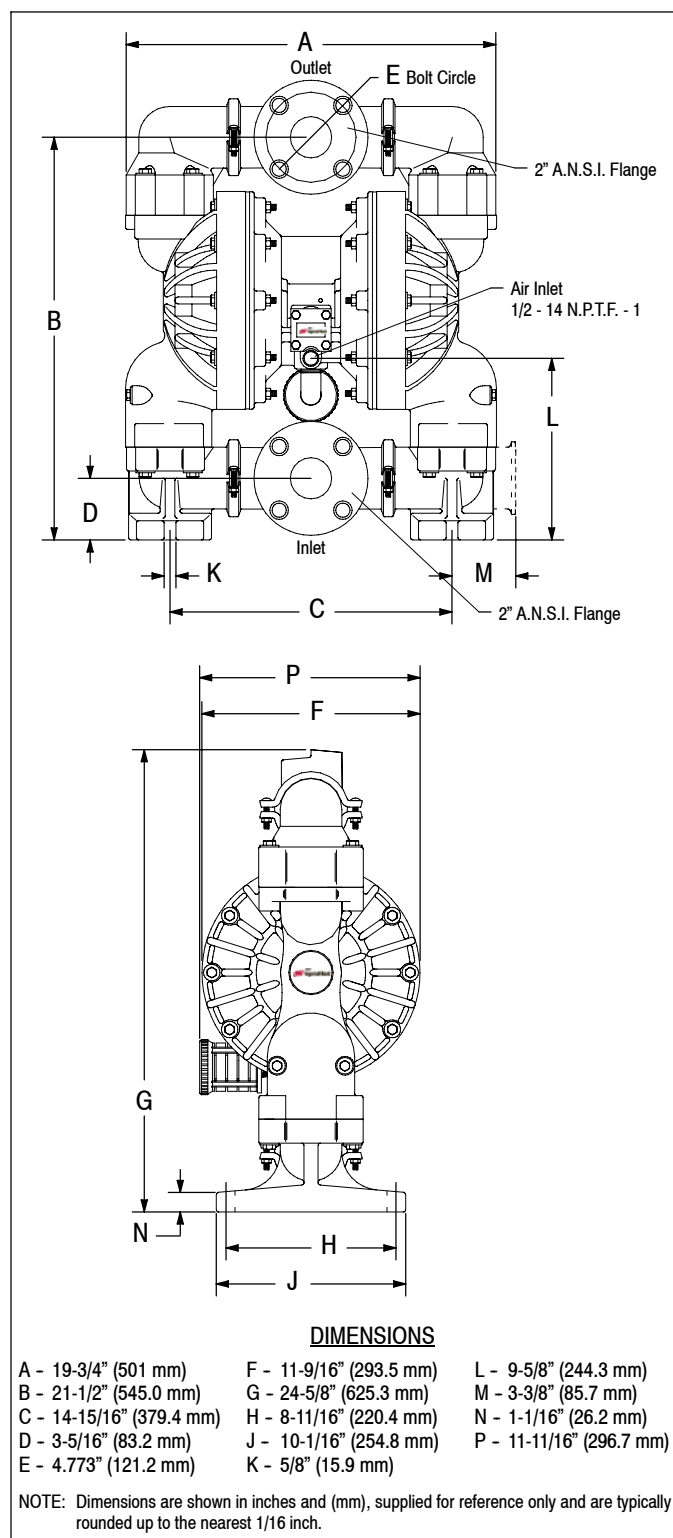
6662A3-XXX-C THRU 6662B4-XXX-C

2" NON-METALLIC DIAPHRAGM PUMP

RATIO SERIES:	1:1
FLUID P.S.I. RANGE:	20 - 120

RELEASED: 1-31-97
REVISED: 3-8-13
(REV. E) 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	6662A3-XXX-C 62 lbs (28.1 kgs) 6662A4-XXX-C 92 lbs (41.7 kgs) 6662B3-XXX-C 85 lbs (38.6 kgs) 6662B4-XXX-C 115 lbs (52.2 kgs)
Air Section Service Kit	637118-C
Fluid Section Service Kit	637165-XX
Composite PTFE Diaphragm Kit	48496806

6662A3 - X X X - C

637165 - X X

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 (diaphragm / ball / seal material)	
E.P.R.	-60° to 280° F (-51° to 138° C)
Hytrek	-20° to 150° F (-29° to 66° C)
Neoprene	0° to 200° F (-18° to 93° C)
Nitrile	10° to 180° F (-12° to 82° C)
Polypropylene	35° to 175° F (2° to 79° C)
Polyurethane	10° to 150° F (-12° to 66° C)
PVDF (Kynar)	10° to 200° F (-12° to 93° C)
Santoprene	-40° to 225° F (-40° to 107° C)
P.T.F.E.	40° to 225° F (4° to 107° C)
Composite PTFE	14° to 194° F (-10° to 90° C)
Viton	-40° to 350° F (-40° to 177° C)

Displacement / Cycle @ 100 p.s.i.

Standard Diaphragm	0.72 gallons (2.7 litres)
Composite PTFE Diaphragm	0.48 gallon (1.8 litres)

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-PNEUROP 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 Connection Kit

PERFORMANCE CURVES

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

