

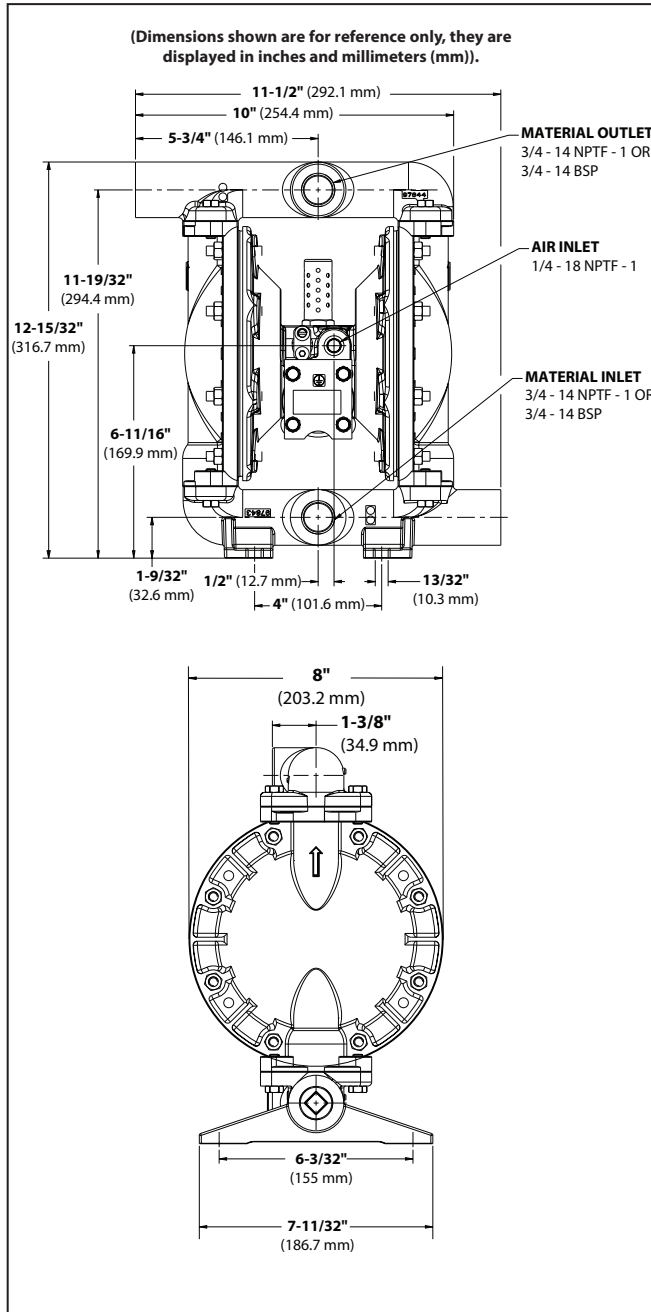
# SALES AND ENGINEERING DATA

RATIO SERIES:	<b>1:1</b>
FLUID PSIG RANGE:	<b>20 - 120</b>

## 66607X-XXX-A AND 66608X-XXX-A 3/4" METALLIC DIAPHRAGM PUMP

RELEASED: 3-27-20  
REVISED: 6-12-20  
(REV: B) S-1621

### DIMENSIONAL DATA 6660XX-XXX-A



### SPECIFICATIONS 6660XX-XXX-A

#### CONSTRUCTION

Model Series .....	66607X-XXX-A 66608X-XXX-A
Pump Type .....	Metallic, Air operated, Double Diaphragm
Ratio .....	1:1
Material Inlet / Outlet (female)	
66607X-XXX-C .....	3/4-14 NPTF - 1
66608X-XXX-C .....	3/4-14 BSP
Air Inlet (female) .....	1/4 - 18 NPTF - 1
Air Exhaust (female) .....	3/8 - 18 NPTF - 1
Weight	
Aluminum .....	17.5 lbs (7.94 kgs)
Air Section Service Kit .....	637118-C
Fluid Section Service Kit .....	637119-XX-C

6660XX - X <del>XX</del> - C	
637119 - X <del>XX</del> - C	
Ball Material	Diaphragm Material
Example: Model 666070-1EB-A	
Fluid Section Service Kit is 637119-EB-C	

#### PERFORMANCE

Air Inlet Pressure Range .....	20 - 120 psig (1.4 - 8.3 bar)
Maximum Material Inlet Pressure .....	10 psig (0.69 bar)
Fluid Pressure Range .....	20 - 120 psig (1.4 - 8.3 bar)
Maximum Flow Rate (flooded inlet) .....	33 gpm (125 lpm)
Maximum Particle Size .....	1/8" dia. (3.2 mm)
Maximum Temperature Limits (diaphragm / ball / seat material)	
Acetal .....	-20° to 180° F (-29° to 82° C)
E.P.R. / EPDM .....	-60° to 280° F (-51° to 138° C)
Hytre <sup>®</sup> .....	-20° to 180° F (-29° to 82° C)
Neoprene .....	0° to 200° F (-18° to 93° C)
Nitrile .....	10° to 180° F (-12° to 82° C)
Polypropylene .....	32° to 175° F (0° to 79° C)
Polyurethane .....	-10° to 150° F (-23° to 66° C)
Kynar <sup>®</sup> PVDF .....	10° to 200° F (-12° to 93° C)
Santoprene <sup>®</sup> .....	-40° to 225° F (-40° to 107° C)
PTFE .....	40° to 225° F (4° to 107° C)
Viton <sup>®</sup> .....	-40° to 350° F (-40° to 177° C)
Displacement / Cycle @ 100 psig	
Standard Diaphragm .....	0.15 gal. (0.57 lit)
Noise Level @ 70 psig, 60 cpm <sup>①</sup> .....	78.3 dB(A) <sup>②</sup>

① Tested with 93110 muffler installed.  
② The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (LAeq) 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  
66073-2 Air Line Connection Kit  
637167 Abrasion Resistant Conversion Kit

# PERFORMANCE CURVES

## 6660XXX-XXX-A 3/4" METALLIC DIAPHRAGM PUMP

