

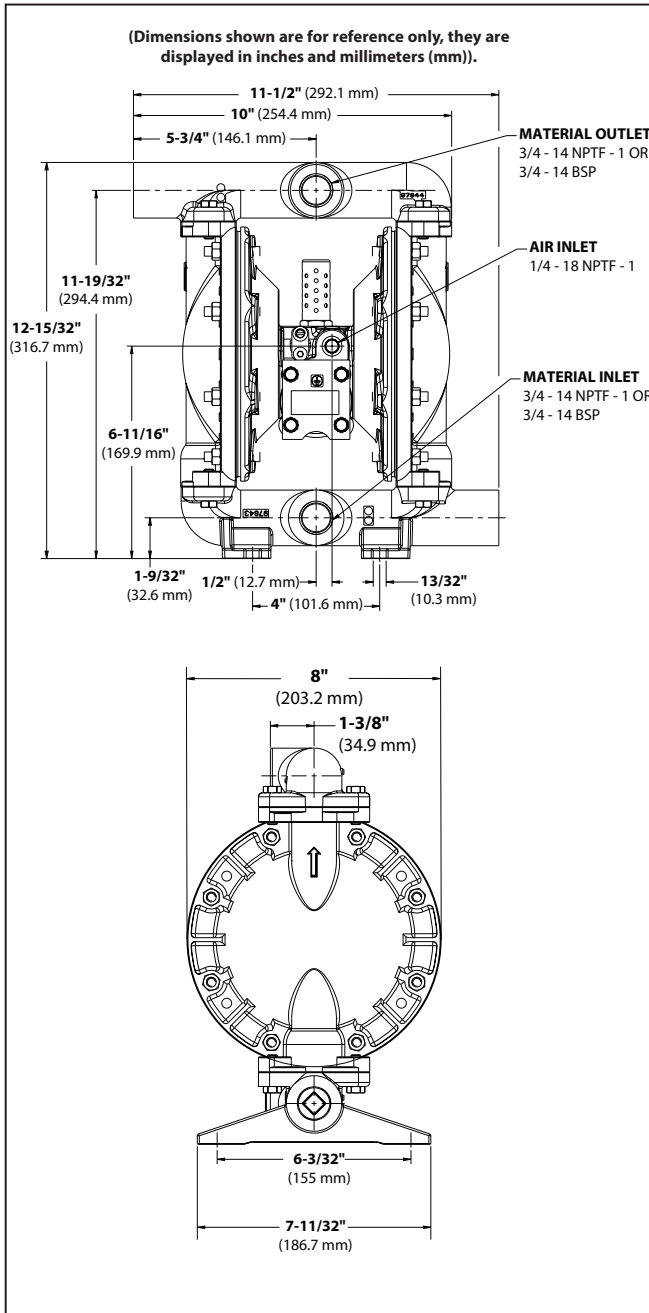
# SALES AND ENGINEERING DATA

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

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

RELEASED: 3-27-20  
(REV: A) S-1621

### DIMENSIONAL DATA 66607X-XXX-A



### SPECIFICATIONS 66607X-XXX-A

#### CONSTRUCTION

Model Series .....	66607X-XXX-A
Pump Type .....	Metallic, Air operated, Double Diaphragm
Ratio .....	1:1
<b>Material Inlet / Outlet (female)</b>	
66607X-XXX-C .....	3/4-14 NPTF - 1
66608X-XXX-C .....	3/4-14 BSP
<b>Air Inlet (female)</b> .....	1/4 - 18 NPTF - 1
<b>Air Exhaust (female)</b> .....	3/8 - 18 NPTF - 1
<b>Weight</b>	
Aluminum .....	17.5 lbs (7.94 kgs)
<b>Air Section Service Kit</b> .....	637118-C
<b>Fluid Section Service Kit</b> .....	637549-XX-A

**6660XX - X[XX] - C**  
**637549 - [XX] - C**  
 Ball Material → Diaphragm Material  
 Example: Model 666070-1EB-A  
 Fluid Section Service Kit is 637549-EB-A

#### PERFORMANCE

<b>Air Inlet Pressure Range</b> .....	20 - 120 psig (1.4 - 8.3 bar)
<b>Maximum Material Inlet Pressure</b> ..	10 psig (0.69 bar)
<b>Fluid Pressure Range</b> .....	20 - 120 psig (1.4 - 8.3 bar)
<b>Maximum Flow Rate (flooded inlet)</b> ...	33 gpm (125 lpm)
<b>Maximum Particle Size</b> .....	1/8" dia. (3.2 mm)
<b>Maximum Temperature Limits (diaphragm / ball / seat material)</b>	
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)
<b>Displacement / Cycle @ 100 psig</b>	
Standard Diaphragm .....	0.15 gal. (0.57 lit)
<b>Noise Level @ 70 psig, 60 cpm<sup>①</sup></b> .....	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

## 66607XX-XXX-A 3/4" METALLIC DIAPHRAGM PUMP

