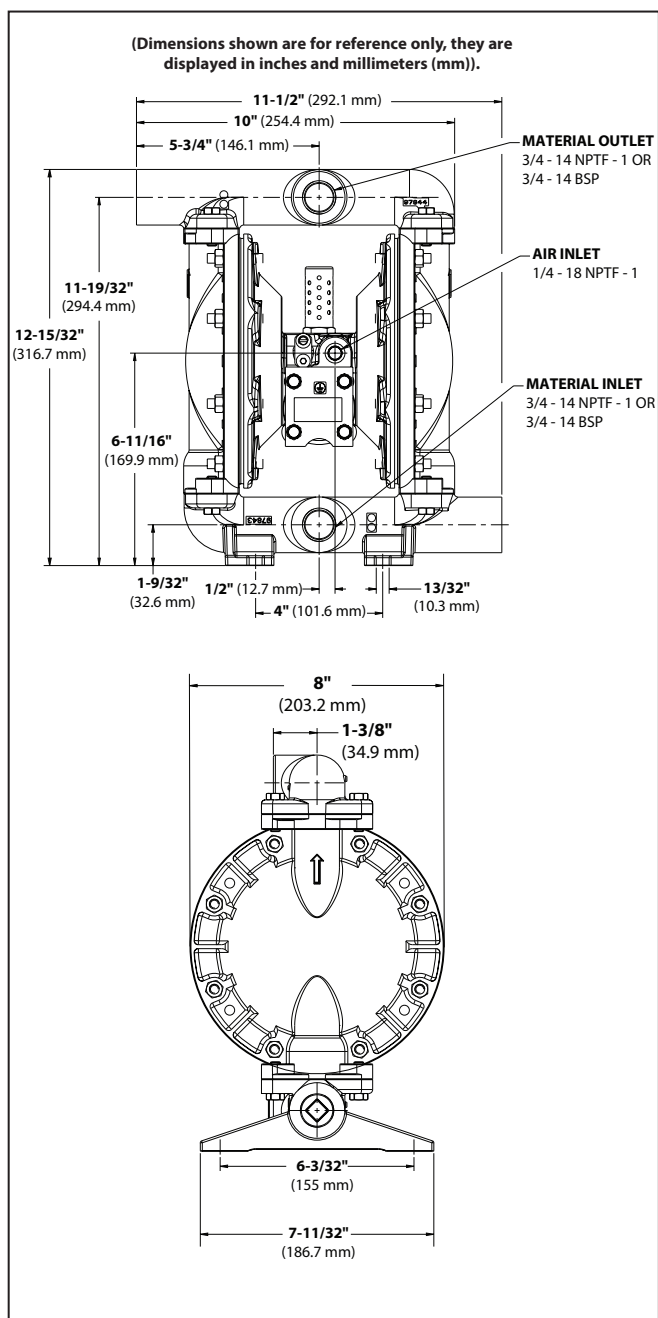


SALES AND ENGINEERING DATA

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

RATIO
SERIES: **1:1**FLUID PSIG
RANGE: **20 - 120**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
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	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

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 [®]	-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 [®] PVDF	10° to 200° F (-12° to 93° C)
Santoprene [®]	-40° to 225° F (-40° to 107° C)
PTFE	40° to 225° F (4° to 107° C)
Viton [®]	-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^① 78.3 dB(A)^②

① Tested with 93110 muffler installed.

② The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (LA_{eq}) 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

