

SALES & ENGINEERING DATA

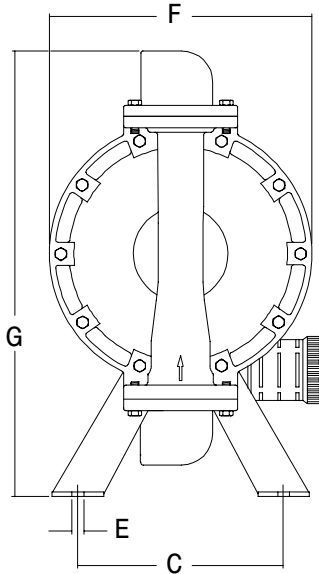
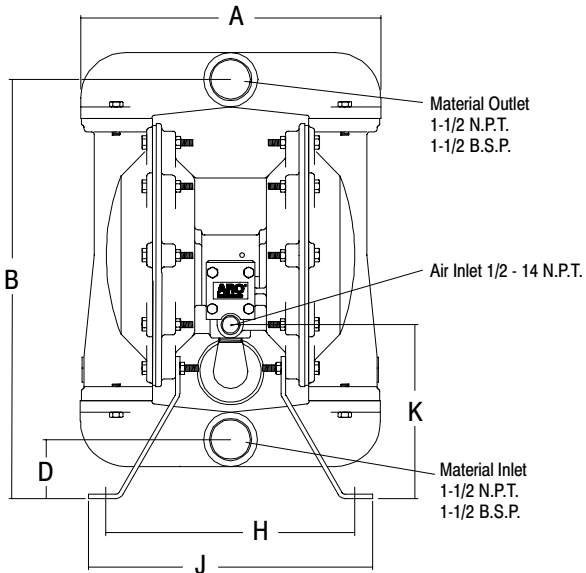
66615X-XXX-C THRU 66618X-XXX-C 1-1/2" METALLIC DIAPHRAGM PUMP

RATIO
SERIES: **1:1**

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

RELEASED: 1-10-97
REVISED: 6-15-01
S-879

DIMENSIONAL DATA



DIMENSIONS

A	13-1/8" (333 mm)	E	1/2" (13 mm)	H	11-3/4" (298 mm)
B	18-3/8" (467 mm)	F	11-1/2" (292 mm)	J	12-3/4" (324 mm)
C	9" (229 mm)	G	19-5/8" (498 mm)	K	7-5/8" (194 mm)
D	2-3/4" (70 mm)				

NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/16 inch.

SPECIFICATIONS

CONSTRUCTION

Model Series 66615X-XXX-C thru 66618X-XXX-C
Pump Type Metallic, Air Operated,
Double Diaphragm
Ratio 1:1

Material Inlet / Outlet (female)

66615X-X and 66616X-X 1-1/2 - 11-1/2 N.P.T.

66617X-X and 66618X-X 1-1/2 - 11 B.S.P.

Air Inlet (female) 1/2 - 14 N.P.T.

Air Exhaust (female) 3/4 - 14 N.P.T.

Weight Aluminum 51 lbs (23.1 kgs)

Cast Iron 79 lbs (35.8 kgs)

Stainless Steel 84 lbs (38.1 kgs)

(add 23 lbs (10.4 kgs) for cast iron air motor section)

Air Section Service Kit 637118-C

Fluid Section Service Kit 637124-XX

66615X - X ☒ ☒ - C

637124 - ☒ ☒

Diaphragm Material
Ball Material

EXAMPLE: Model 666150-361-C
Fluid Section Service Kit is 637124-61

PERFORMANCE

Air Inlet Pressure Range 20 - 120 p.s.i. (1 - 8.3 bar)

Maximum Material Inlet Pressure ... 10 p.s.i. (0.69 bar)

Fluid Pressure Range 20 - 120 p.s.i. (1 - 8.3 bar)

Maximum Flow Rate (flooded inlet) 90 g.p.m. (340.7 l.p.m.)

Maximum Particle Size 1/4" dia. (6.4 mm)

Maximum Temperature Limits

Polypropylene and Stainless steel seats 35° to 150°F (2° to 66°C)

Kynar (PVDF) seats 10° to 200°F (-12° to 93°C)

Displacement / Cycle @ 100 p.s.i. ... 0.64 gal. (2.42 lit.)

Noise Level @ 70 p.s.i. - 60 c.p.m.① . 77.7 db(A)②

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 Kit

637155 Abrasion Resistant Conversion Kit

PERFORMANCE CURVES

6661XX-XXX-C 1-1/2" METALLIC DIAPHRAGM PUMP

