

SALES & ENGINEERING DATA

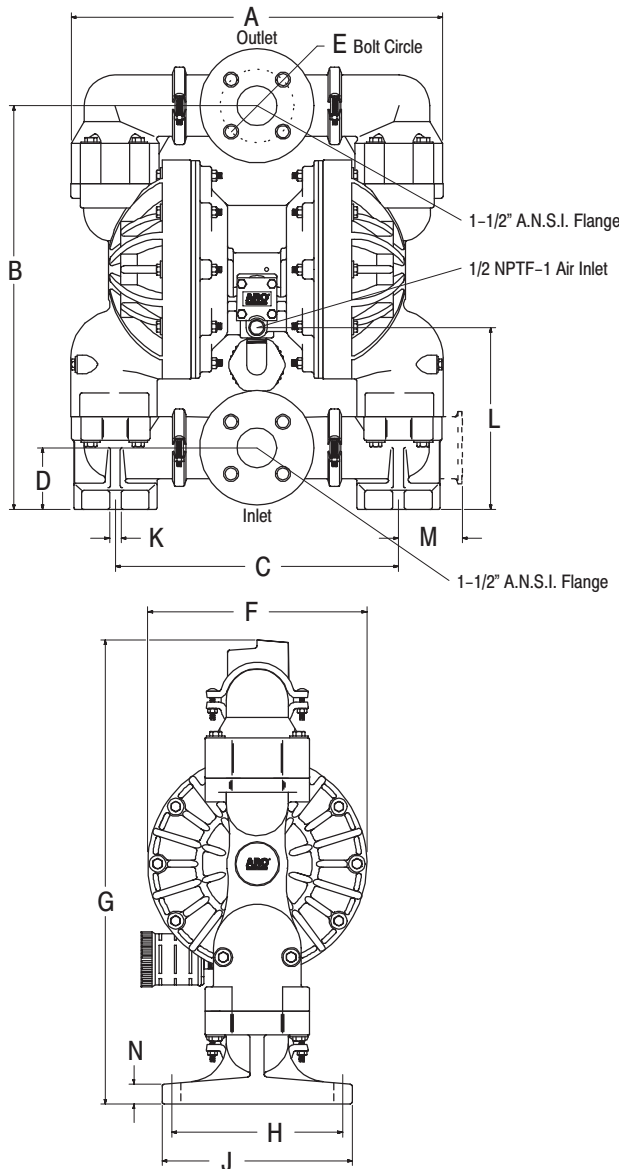
RATIO
SERIES: **1:1**

FLUID PSI
RANGE: **20 – 120**

6661T3-XXX-C THRU 6661U4-XXX-C 1-1/2" NON-METALLIC DIAPHRAGM PUMP

RELEASED: 1-10-97
REVISED: 8-21-98
S-876

DIMENSIONAL DATA



DIMENSIONS

A	19-1/2 (495)	F	11-1/2 (292)	K	5/8 (16)
B	21-5/16 (541)	G	24-1/2 (622)	L	9-5/8 (244)
C	14-15/16 (379)	H	9 (229)	M	3-3/8 (86)
D	3-1/4 (83)	J	10-1/16 (256)	N	1-1/16 (27)
E	3-7/8 (98)				

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	6661T3-XXX-C thru 6661U4-XXX-C
Pump Type	Non-Metallic, Air Operated, Double Diaphragm
Ratio	1:1
Material Inlet / Outlet	1-1/2" A.N.S.I. Class 150 Flange
Air Inlet	1/2" NPTF-1(f)
Air Exhaust	3/4" NPTF-1(f)
Weight	Polypropylene – 62 lbs (28 kgs) Kynar (PVDF) – 92 lbs (42 kgs) (add 23 lbs (10.4 kgs) for cast iron air motor section)
Air Section Service Kit	637118-C
Fluid Section Service Kit	637165-XX

6661T3 - X X X -C

637165 - X X

Diaphragm Material
Ball Material

EXAMPLE: Model 6661T3-344-C
Fluid Section Service Kit is 637165-44

PERFORMANCE

Air Inlet Pressure Range	20 – 120 PSI (1 – 8.3 bar)
Fluid Pressure Range	20 – 120 PSI (1 – 8.3 bar)
Max. Flow Rate (Flooded Inlet)	120 g.p.m. (454.2 l.p.m.)
Max. Particle Size	1/4" dia. (6.4 mm)
Max. Temperature Limits	
Polypropylene	35° to 150°F (2° to 66°C)
Kynar (PVDF)	10° to 200°F (-12° to 93°C)
Displacement / Cycle @ 100 psi:	0.67 gal. (2.54 l)
Noise Level @ 70 Psi – 60 Cpm	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 Kit

ARO

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INGERSOLL-RAND
FLUID PRODUCTS

PERFORMANCE CURVES

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

