

SALES & ENGINEERING DATA

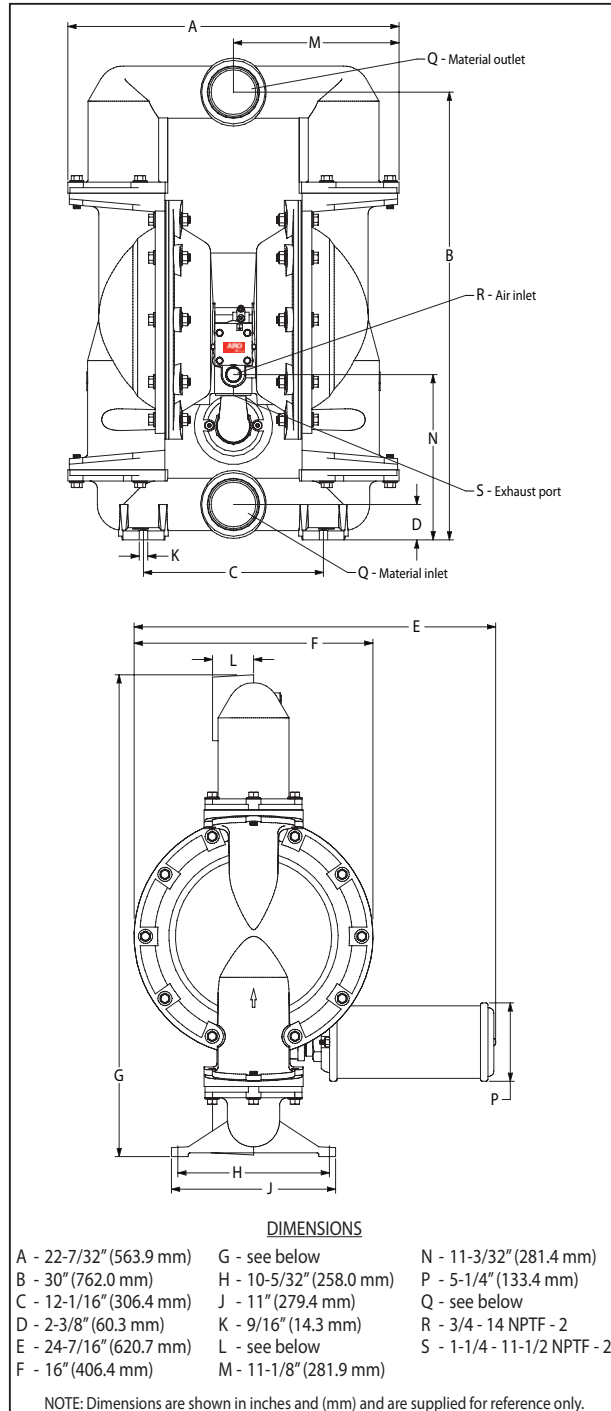
66630X-XXX-C and 66632X-XXX-C 3" Metallic Diaphragm Pump

RATIO
SERIES: 1:1

FLUID P.S.I.
RANGE: 10 - 120

RELEASED: 3-21-06
REVISED: 6-7-10
(REV. 05) S-1363

DIMENSIONAL DATA



SPECIFICATIONS

Model Series 66630X-XXX-C / 66632X-XXX-C
Pump Type Metallic, air operated, double diaphragm pump
Ratio 1:1
Material Inlet / Outlet (female)
66630X-XXX-C 3 - 8 NPTF - 2
66632X-XXX-C Rp 3 (3 - 11 BSP parallel)
Air Inlet (female) 3/4 - 14 NPTF - 2
Air Exhaust (female) 1-1/4 - 11-1/2 NPTF - 2
Weight 66630X-XXX-C 109.84 lbs (49.82 kgs)
6663X1-XXX-C 222.21 lbs (100.79 kgs)
6663X2-XXX-C 213.08 lbs (96.65 kgs)
6663XA-XXX-C 109.84 lbs (49.82 kgs)
6663XB-XXX-C 222.21 lbs (100.79 kgs)
6663XC-XXX-C 213.08 lbs (96.65 kgs)
Air Section Service Kit 637434
Fluid Section Service Kit 637433-XX

6663XX - X^{XX}-C

637433 - X^{XX}
Diaphragm Material
Ball Material

EXAMPLE: Model #666300-1EB-C
Fluid Section Service Kit # 637433-EB

PERFORMANCE

Air Inlet Pressure Range 10 - 120 p.s.i.g. (0.69 - 8.3 bar)
Maximum Material Inlet Pressure... 10 p.s.i.g. (0.69 bar)
Fluid Pressure Range 10 - 120 p.s.i.g. (0.69 - 8.3 bar)
Maximum Flow Rate (flooded inlet) ... 237 g.p.m. (897.0 l.p.m.)
Displacement / Cycle @ 100 p.s.i. ... 2.65 gal. (10.03 lit.)
Maximum Particle Size 3/8" (9.5 mm)
Maximum Temperature Limits (diaphragm / ball / seal / seat material)
E.P.R. / EPDM -60° to 280° F (-51° to 138° C)
Hytrel® -20° to 150° F (-29° to 66° C)
Kynar® PVDF 10° to 200° F (-12° to 93° C)
Nitrile 10° to 180° F (-12° to 82° 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)
Noise Level @ 70 p.s.i. - 60 c.p.m. ①... 86.3 db(A)②

① Tested with 94810 muffler assembly 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

66312 Air Line Connection Kit

airpumping.co.uk

est. 1979

Unit 16, Upminster Trading Park, Warley St, Upminster, Essex, RM14 3PJ, ENGLAND

ARO

IR Ingersoll Rand
Industrial Technologies

PERFORMANCE CURVES

66630X-XXX-C / 66632X-XXX-C 3", METALLIC DIAPHRAGM PUMP

