

SALES & ENGINEERING DATA

650865-XX3

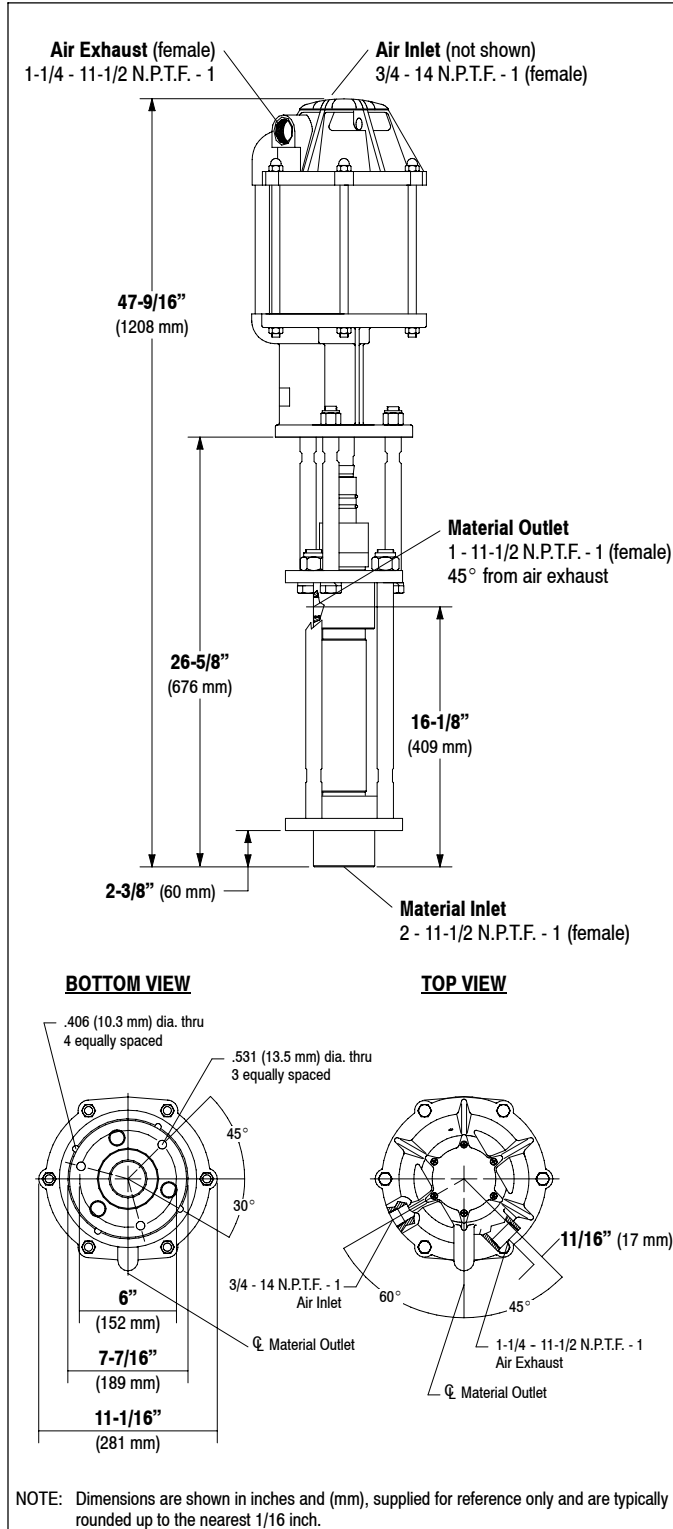
TWO - BALL PUMP

RATIO
SERIES: **28:1**

FLUID P.S.I.
RANGE: **0 - 3360**

RELEASED: 11-6-98
REVISED: 5-26-10
(REV. 02) S-976

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series (refer to option chart) 650865-XX3
Pump Type Air Operated, Two-Ball,
Double Acting Pump
Ratio 28:1
Air Motor 66523
Motor Repair Kit 66614
Motor Diameter 8" (203.2 mm)
Stroke 6" (152.4 mm)
Air Inlet (female) 3/4 - 14 N.P.T.F. - 1
Air Exhaust (female) 1-1/4 - 11-1/2 N.P.T.F. - 1
Lower Pump End Series 66475-XX3
Lower Pump Repair Kit 637098-XX3
Packing Options:

3 - Glass Filled PTFE
C - UHMW-PE
G - UHMW-PE / Leather staggered
P - UHMW-PE / PTFE staggered upper • UHMW-PE lower
R - PTFE / UHMW-PE staggered upper • PTFE lower

Material Inlet (female) 2 - 11-1/2 N.P.T.F. - 1
Material Outlet (female) 1 - 11-1/2 N.P.T.F. - 1

MATERIALS OF CONSTRUCTION

Outlet Body Carbon Steel, Nickel plated
Cylinder 420 Stainless Steel
Plunger 17-4 Stainless Steel, Hard Chrome
Upper Ball 440 Stainless Steel
Upper Seat 440 Stainless Steel
Lower Ball 440 Stainless Steel
Lower Seat 440 Stainless Steel
Inlet Body Carbon Steel, Nickel plate
Weight 113 lbs (51.3 kgs)

PERFORMANCE

Air Inlet Pressure Range 0 - 120 p.s.i. (0 - 8.3 bar)
Fluid Pressure Range 0 - 3360 p.s.i. (0 - 231.7 bar)
Max. Rec'd Cycles / Minute 57
Displacement In³ Per Cycle 20.7
Volume / Cycle 11.5 oz. (339.1 ml)
Cycles Per Gallon 11.2
Flow @ 60 Cycles / Minute 5.4 g.p.m. (20.4 l.p.m.)
Noise Level @ 60 p.s.i. - 40 c.p.m. 88.0 db(A)①

① Tested with 92460 Muffler installed. 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:

66542 Wall Mount Bracket
67187-1 Mounting Post
92460 Silencer

PERFORMANCE CURVES

