

SALES & ENGINEERING DATA

650866-X63

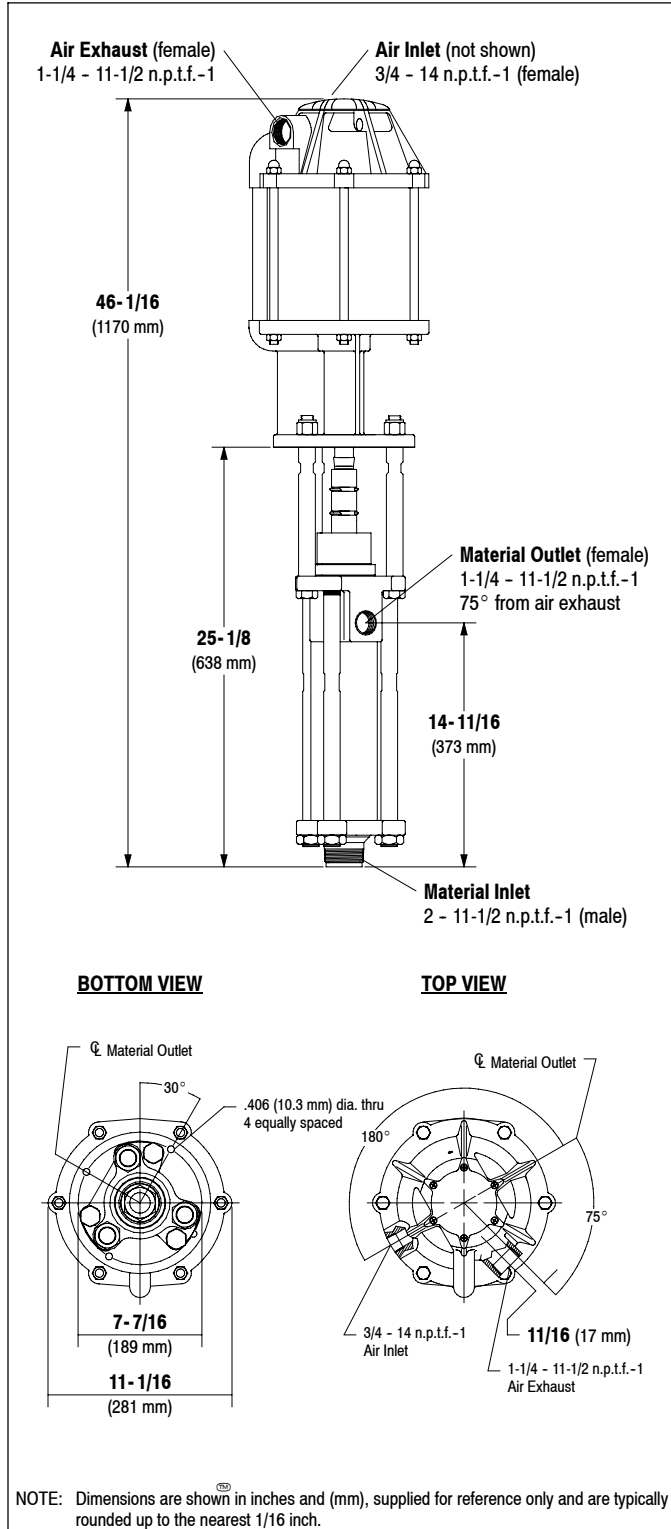
TWO - BALL PUMP

RATIO
SERIES: 10:1

FLUID PSI
RANGE: 0 - 1200

RELEASED: 11-6-98
REVISED: 5-26-10
(REV. 02) S-974

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series (refer to option chart) 650866-X63
Pump Type Air Operated, Two-Ball,
Double Acting Pump
Ratio 10:1
Air Motor 66523
Motor Repair Kit 66614
Motor Diameter 8" (203.2 mm)
Stroke 6" (152.4 mm)
Air Inlet 3/4 - 14 n.p.t.f.-1 (female)
Air Exhaust 1-1/4 - 11-1/2 n.p.t.f.-1 (female)
Lower Pump End Series ... 66941-X63
Lower Pump Repair Kit . 637211-X63
Packing Options:

C - UHMW-PE
L - Mineral Filled PTFE
P - UHMW-PE / PTFE staggered upper • UHMW-PE lower
R - PTFE / UHMW-PE staggered upper • PTFE lower

Material Inlet 2 - 11-1/2 n.p.t.f.-1 (male)
Material Outlet 1-1/4 - 11-1/2 n.p.t.f.-1 (female)

MATERIALS OF CONSTRUCTION

Outlet Body 316 Stainless Steel
Cylinder 15-5 Stainless Steel, Chrome plated
Plunger 15-5 Stainless Steel, Chrome plated
Upper Ball 440 Stainless Steel
Upper Seat 440 Stainless Steel
Lower Ball 440 Stainless Steel
Lower Seat 440 Stainless Steel
Inlet Body 316 Stainless Steel
Weight 102 lbs (46.3 kgs)

PERFORMANCE

Air Inlet Pressure Range 0 - 120 p.s.i. (0 - 8.3 bar)
Fluid Pressure Range 0 - 1200 p.s.i. (0 - 82.8 bar)
Max. Rec'd Cycles / Minute ... 60
Displacement In³ Per Cycle ... 59.9
Volume / Cycle 33.2 oz. (981.3 ml)
Cycles Per Gallon 3.9
Flow @ 60 Cycles / Minute ... 15.6 g.p.m. (58.9 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

