

SALES & ENGINEERING DATA

650491-X43

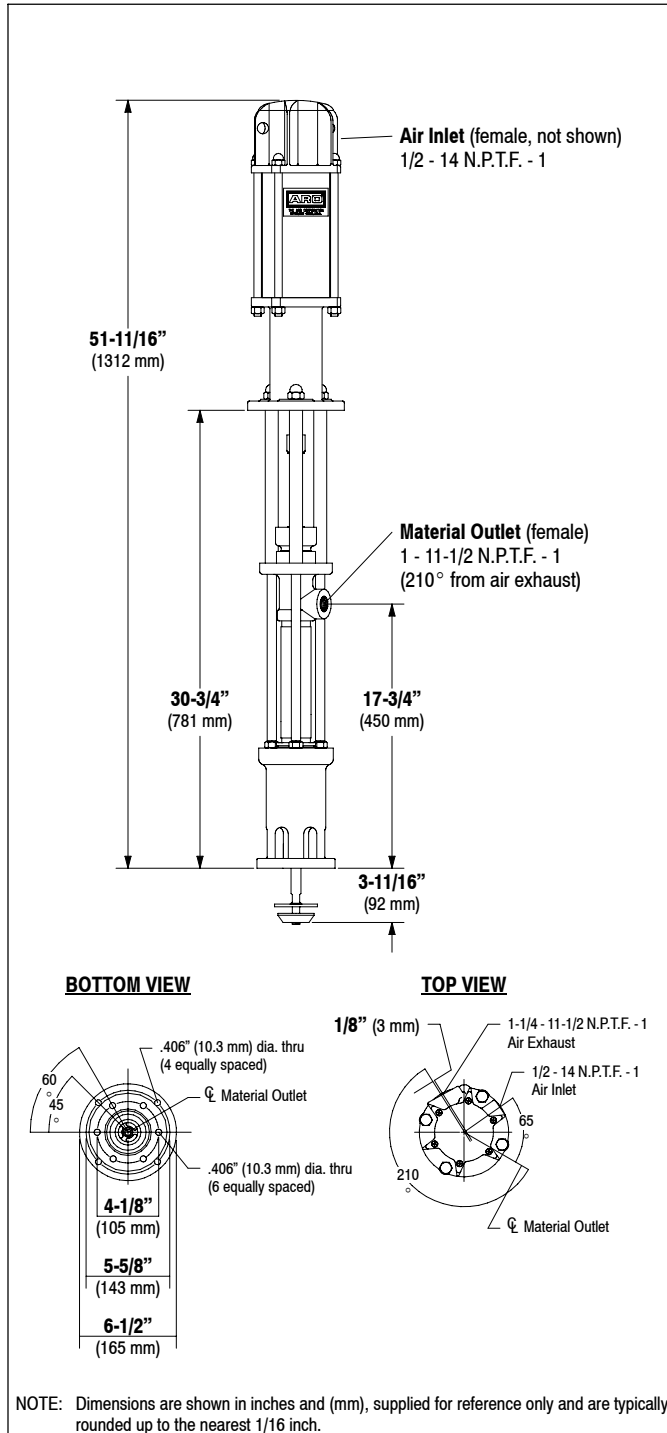
EXTRUSION PUMP

RATIO
SERIES: 12:1

FLUID P.S.I.
RANGE: 0 - 2085

RELEASED: 11-6-98
REVISED: 5-27-10
(REV. 02) S-967

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series (refer to option chart) 650491-X43
Pump Type Air Operated, Extrusion,
Double Acting Pump
Ratio 12:1
Air Motor 65465-B
Motor Repair Kit 61268
Motor Diameter 4-1/4" (107.9 mm)
Stroke 6" (152.4 mm)
Air Inlet (female) 1/2 - 14 N.P.T.F. - 1
Air Exhaust (female) 1-1/4 - 11-1/2 N.P.T.F. - 1
Lower Pump End Series 66243-X43
Lower Pump Repair Kit 637071-X43
Packing Options:

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

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

MATERIALS OF CONSTRUCTION

Outlet Body Ductile Iron, E Nickel coated
Cylinder Carbon Steel, Nickel plated
Plunger 17-4 Stainless Steel, Hard Chrome plated
Upper Check 440 Stainless Steel
Upper Seat 440 Stainless Steel
Lower Check 440 Stainless Steel
Lower Seat 440 Stainless Steel
Inlet Body Ductile Iron, E Nickel coated
Weight 64 lbs (29.0 kgs)

PERFORMANCE

Air Inlet Pressure Range 0 - 150 p.s.i. (0 - 10.3 bar)
Fluid Pressure Range 0 - 2085 p.s.i. (0 - 143.8 bar)
Max. Rec'd Cycles / Minute 60
Displacement In³ Per Cycle 12.6
Volume / Cycle 7.0 oz. (206.4 ml)
Cycles Per Gallon 18.3
Flow @ 60 Cycles / Minute 3.3 g.p.m. (12.4 l.p.m.)
Noise Level @ 60 p.s.i. - 40 c.p.m. . . . 80.0 db(A)①

① Tested with 91790 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:

66101 Wall Mount Bracket
67187-1 Mounting Post
91790 Silencer

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PERFORMANCE CURVES

