

SALES & ENGINEERING DATA

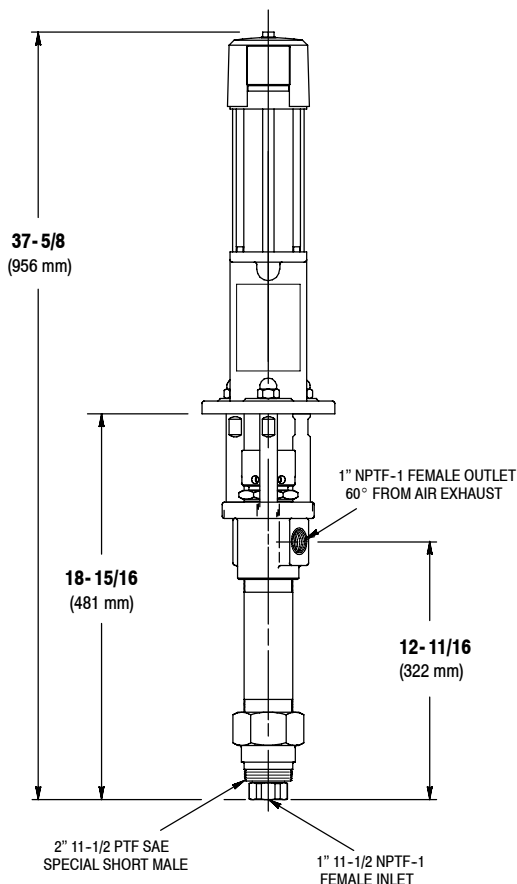
650384 - X43 TWO-BALL PUMP SERIES

RATIO
SERIES: **12:1**

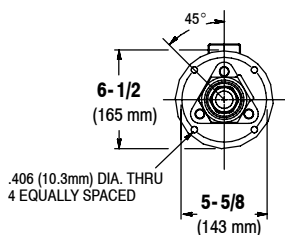
FLUID PSI
RANGE: **360 - 1800**

RELEASED: 12-12-95
REVISED: 5-27-10
(REV. 02) S-831

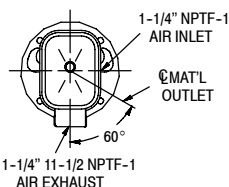
DIMENSIONAL DATA



BOTTOM VIEW



TOP VIEW



NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/16 inch.

Accessories Available: 91790 Silencer, 66101 Wall Bracket.

SPECIFICATIONS

CONSTRUCTION

Model Series (Refer to option chart below) 650384-X43
Type Air Operated, Two Ball
Ratio 12:1
Air Motor 65365
Motor Repair Kit 637041
Motor Diameter 3-1/4" (8.3 cm)
Stroke 6"
Air Inlet 1/4" - 18 NPTF-1(f)
Air Exhaust 1-1/4", 11-1/2 NPTF-1(f)
Lower Pump End Series 66301-X43
Lower Pump Repair Kit 637306-X43
Packing Options:

3 - PTFE	P - UHMW-PE/PTFE St'gd • UHMW-PE Lower
C - UHMW-PE	R - PTFE/UHMW-PE St'gd • PTFE Lower
G - UHMW-PE /Leather	

Material Inlet 1" 11-1/2 NPTF-1(f) &
2" 11-1/2 PTF (m) (SHORT)
Material Outlet 1" 11-1/2 NPTF-1(f)
Lower Pump End Materials:①
Outlet Body CF8M Stainless Steel
Cylinder 316 S.Stl Hard Chrome
Plunger 17- 4 S.Stl Hard Chrome
Upper Ball Tungsten Carbide
Upper Seat Tungsten Carbide
Lower Ball 316 Stainless Steel
Lower Seat Tungsten Carbide
Inlet Body CF8M Stainless Steel
Weight 35.5 Lbs (16.1 Kgs)

PERFORMANCE

Air Inlet Pressure Range 30 - 150 PSI (2 - 10.3 bar)
Fluid Pressure Range 360 - 1800 PSI (24.8 - 124 bar)
Max. Rec'd Cycles / Minute ... 60
Displacement In³ Per Cycle ... 7.5
Volume/Cycle 4.1 oz. (121 ml)
Cycles Per Gallon② 30.9
Flow @ 60 Cycles / Minute ... 1.9 GPM (7.19 lpm)
Noise Level @ 60 Psi - 40 Cpm③ 74.8 db(A)

Notes:

- ① All wetted components are passivated or electro-polished and have corrosion resistance characteristics of 300 Series Stainless Steel.
- ② 231 Cubic Inches = 1 Gallon
- ③ Tested with 91790 Silencer installed.

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Industrial Technologies

PERFORMANCE CURVES

TWO BALL PUMP, 3-1/4" AIR MOTOR, 6" STROKE, 12:1 RATIO

