

SALES & ENGINEERING DATA

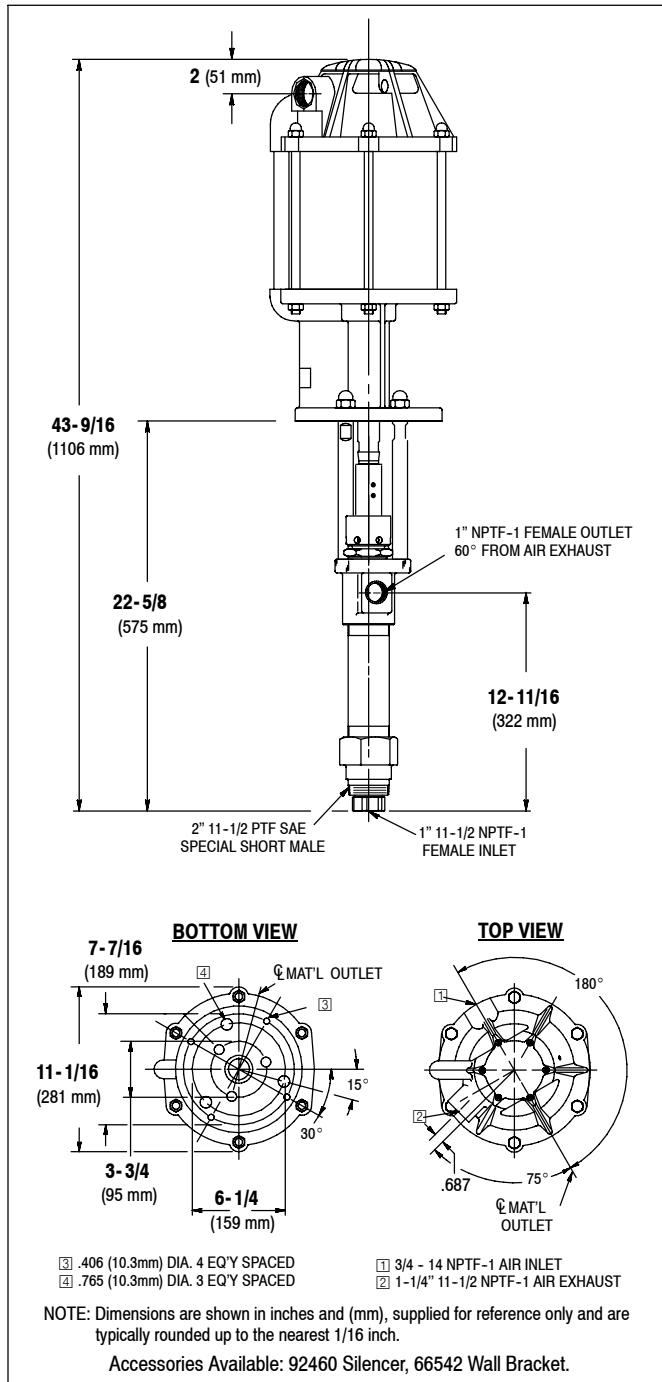
650883 - X47 TWO-BALL PUMP SERIES

RATIO
SERIES: **40:1**

FLUID PSI
RANGE: **1200 - 4800**

RELEASED: 12-12-95
REVISED: 5-26-10
(REV. 02) S-839

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series (Refer to option chart below) 650883-X47
Type Air Operated, Two Ball
Ratio 40:1
Air Motor 66523
Motor Repair Kit 66614
Motor Diameter 8" (20.3 cm)
Stroke 6"
Air Inlet 3/4" - 14 NPTF-1(f)
Air Exhaust 1-1/4", 11-1/2 NPTF-1(f)
Lower Pump End Series 66300-X47
Lower Pump Repair Kit 637305-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 316 Stainless Steel
Upper Seat Tungsten Carbide
Lower Ball 316 Stainless Steel
Lower Seat Tungsten Carbide
Inlet Body CF8M Stainless Steel
Weight 68.1 Lbs (30.9 Kgs)

PERFORMANCE

Air Inlet Pressure Range 30 - 120 PSI (2 - 8.3 bar)
Fluid Pressure Range 1200 - 4800 PSI (83 - 331 bar)
Max. Rec'd Cycles / Minute ... 60
Displacement In³ Per Cycle ... 14.5
Volume/Cycle 8 oz. (238 ml)
Cycles Per Gallon② 15.9
Flow @ 60 Cycles / Minute ... 3.7 GPM (14.0 lpm)
Noise Level @ 60 Psi - 40 Cpm③ 89.8 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 92460 Silencer installed.

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PERFORMANCE CURVES

TWO BALL PUMP, 8" AIR MOTOR, 6" STROKE, 40:1 RATIO

