

# SALES & ENGINEERING DATA

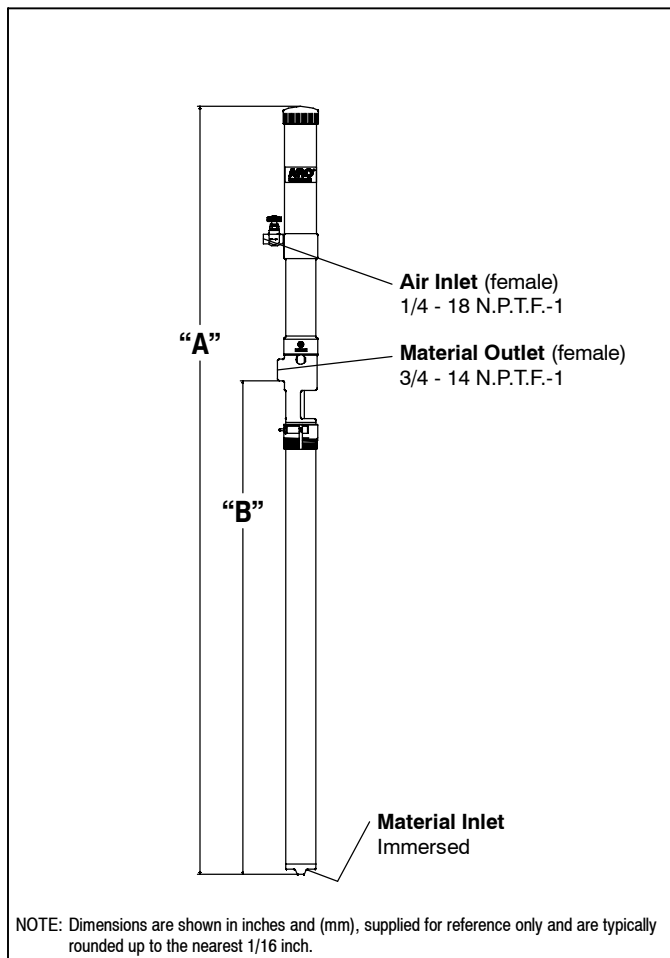
RATIO SERIES: **1:1**

FLUID P.S.I. RANGE: **0 - 150**

## 61204X-X TRANSFER PUMP

RELEASED: 2-6-02  
REVISED: 5-27-10  
(REV. B) S-990

### DIMENSIONAL DATA



MODEL	"A" (mm)	"B" (mm)
612041-X	54" (1371.6)	34-5/8" (879.5)
612042-X	64-1/4" (1631.9)	44-7/8" (1139.8)

### SPECIFICATIONS

#### CONSTRUCTION

Model Series (refer to option chart)	61204X-X
Pump Type	Air Operated, Transfer Pump
Ratio	1:1
<b>Air Motor</b>	
Motor Repair Kit	637084
Motor Diameter	2" (5.08 cm)
Stroke	6" (15.24 cm)
Air Inlet (female)	1/4 - 18 N.P.T.F.-1
<b>Lower Pump End Series</b>	
Lower Pump Repair Kit	
61204X-1 & -4	637081
612041-3	637083
Material Inlet	Immersed
Material Outlet (female)	3/4 - 14 N.P.T.F.-1

#### MATERIALS OF CONSTRUCTION

Outlet Body	Aluminum
Cylinder	Carbon Steel
Plunger	Carbon Steel
<b>Upper Packing</b>	
61204X-1 & -4	Nitrile
612041-3	PTFE
<b>Lower Packing</b>	
61204X-1 & -4	Nitrile
612041-3	PTFE
Inlet Body	Cast Iron
Weight . . . 612041-X	13 lbs (5.9 kgs)
612042-1	14 lbs (6.4 kgs)

#### PERFORMANCE

Air Inlet Pressure Range	0 - 150 p.s.i. (0 - 10.3 bar)
Fluid Pressure Range	0 - 150 p.s.i. (0 - 10.3 bar)
Max. Rec'd Cycles / Minute	75
Displacement In <sup>3</sup> Per Cycle	18.8
Volume / Cycle	10.4 oz. (307.7 ml)
Cycles Per Gallon	12.3
Flow @ 75 Cycles / Minute	9 g.p.m. (34.1 l.p.m.)
Max. Flow Rate	18 g.p.m. (68.1 l.p.m.)
Noise Level @ 60 p.s.i. - 40 c.p.m.	77.8 db(A) <sup>①</sup>

① The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L<sub>Aeq</sub>) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

**ACCESSORIES:**  
61113 Wall Mount Bracket

PERFORMANCE CURVES

