

# SALES & ENGINEERING DATA

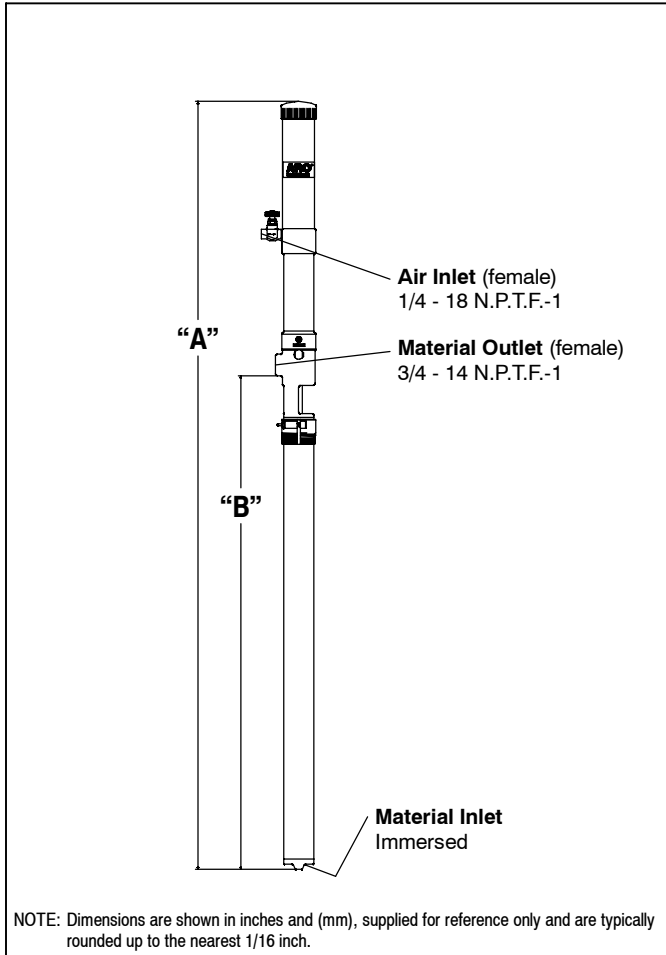
RATIO SERIES: **1:1**

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**

