

# SALES & ENGINEERING DATA

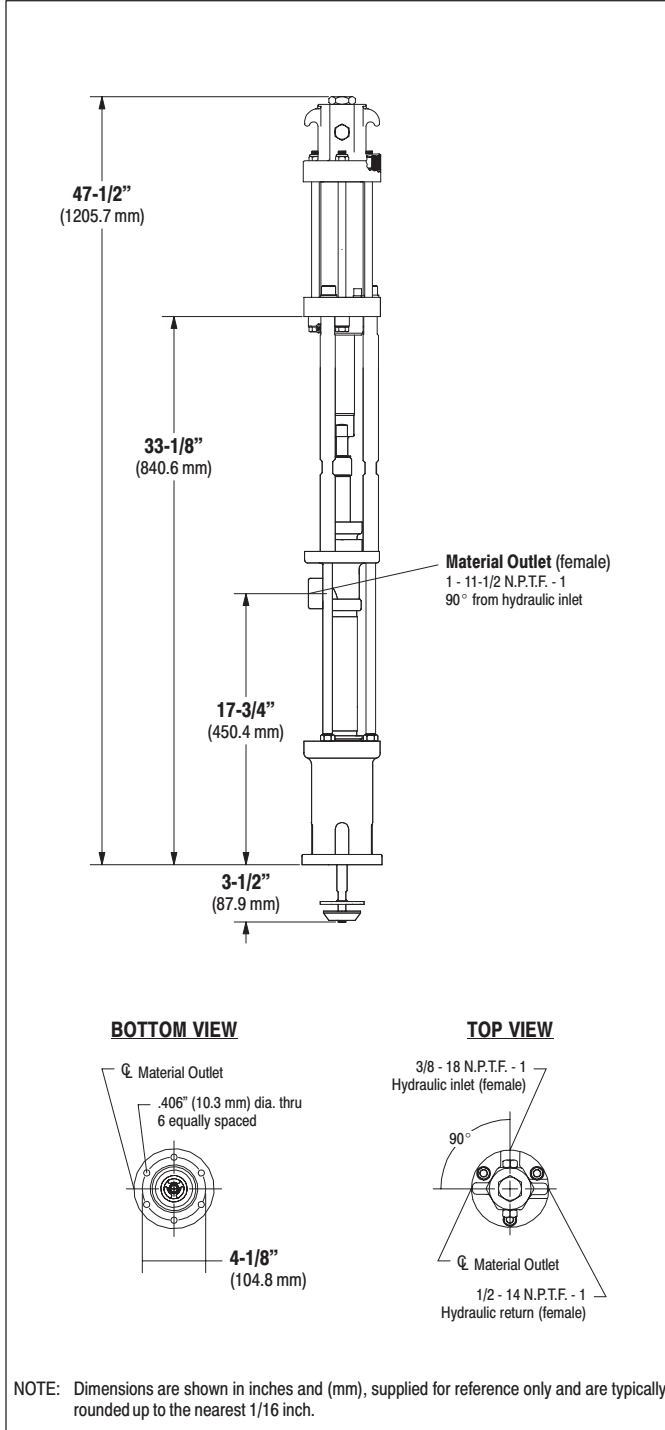
RATIO SERIES: **2:1**

FLUID P.S.I. RANGE: **100 - 2400**

## 650934-XX3-C EXTRUSION PUMP

RELEASED: 9-24-01  
REVISED: 7-30-02  
S-1070

### DIMENSIONAL DATA



### SPECIFICATIONS

#### CONSTRUCTION

|   |  |
|---|--|
| <b>Model Series</b> (refer to option chart) | 650934-XX3-C   |
| <b>Pump Type</b>                            | Hydraulically Operated,<br>Extrusion, Double Acting Pump |
| <b>Ratio</b>                                | 2:1  |
| <b>Hydraulic Motor</b>                      | 67147  |
| <b>Motor Repair Kit</b>                     | 637315   |
| <b>Motor Size</b>                           | 2.062 sq." (13.3 sq. cm)                                 |
| <b>Stroke</b>                               | 6" (15.2 cm)   |
| <b>Hydraulic Inlet (female)</b>             | 3/8 - 18 N.P.T.F. - 1                                    |
| <b>Hydraulic Return (female)</b>            | 1/2 - 14 N.P.T.F. - 1                                    |
| <b>Lower Pump End Series</b>                | 66243-XX3-B  |
| <b>Lower Pump Repair Kit</b>                | 637071-X43-B   |

#### Packing Options:

|   |
|---|
| 3 - Glass filled Teflon   |
| C - UHMW-PE   |
| G - UHMW-PE / Leather staggered   |
| P - UHMW-PE / Glass filled Teflon staggered upper • UHMW-PE lower             |
| R - Glass filled Teflon / UHMW-PE staggered upper • Glass filled Teflon lower |

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

#### MATERIALS OF CONSTRUCTION

|                    |                             |
|--------------------|-----------------------------|
| <b>Outlet Body</b> | Ductile Iron, Nickel plated |
| <b>Cylinder</b>    | Carbon Steel, Nickel plated |
| <b>Plunger</b>     | 17-4 SS, Chrome plated      |
| <b>Upper Check</b> | 440 Stainless Steel         |
| <b>Upper Seat</b>  | 440 Stainless Steel         |
| <b>Lower Check</b> | 440 Stainless Steel         |
| <b>Lower Seat</b>  | 440 Stainless Steel         |
| <b>Inlet Body</b>  | Ductile Iron, Nickel plated |
| <b>Weight</b>      | 62.4 lbs (28.3 kgs)         |

#### PERFORMANCE

|  |                                     |
|--|-------------------------------------|
| <b>Hydraulic Inlet Pressure Range</b>        | 50 - 1200 p.s.i. (3.4 - 82.8 bar)   |
| <b>Fluid Pressure Range</b>                  | 100 - 2400 p.s.i. (6.9 - 165.5 bar) |
| <b>Required H-power @ 50 c.p.m.</b>          | 3.2 @ 1200 p.s.i. (82.8 bar)        |
| <b>Hydraulic flow required @ 50 c.p.m.</b>   | 4.9 g.p.m. (18.5 l.p.m.)            |
| <b>Maximum rec'd Cycles / Minute</b>         | 50                                  |
| <b>Displacement In<sup>3</sup> Per Cycle</b> | 12.503                              |
| <b>Volume / Cycle</b>                        | 6.9 oz. (204.9 ml)                  |
| <b>Cycles Per Gallon</b>                     | 18.5                                |
| <b>Flow @ 50 Cycles / Minute</b>             | 2.7 g.p.m. (10.2 l.p.m.)            |
| <b>Noise Level</b>                           | N / A                               |
| <b>Maximum Temperature Limit</b>             | 130° F (54° C)                      |

#### ACCESSORIES:

- 61937-1 Wall Bracket
- 65138 Floor Mounting Flange



# PERFORMANCE CURVES

