

SALES & ENGINEERING DATA

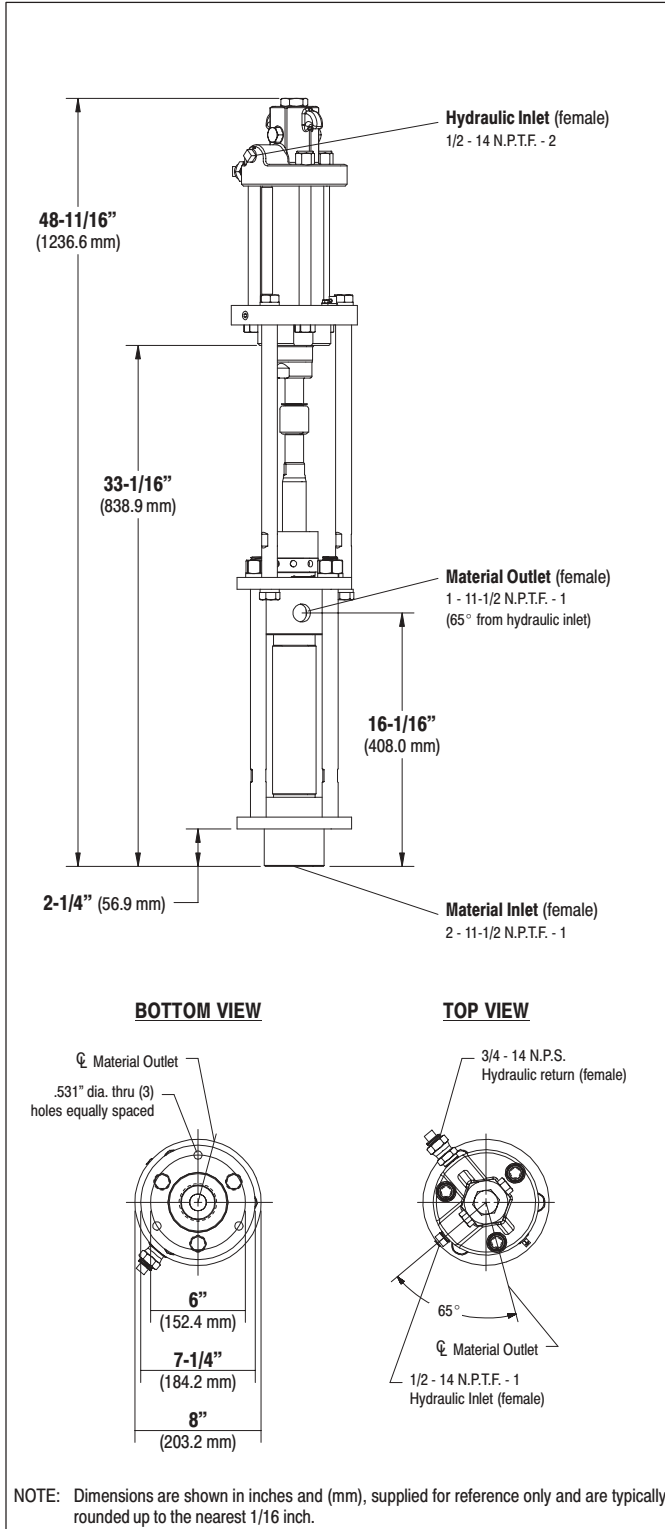
RATIO SERIES: **2.4:1**

FLUID P.S.I. RANGE: **120 - 4800**

650939-X4D-B TWO - BALL PUMP

RELEASED: 9-21-01
REVISED: 2-5-03
S-1023

DIMENSIONAL DATA



SPECIFICATIONS

CONSTRUCTION

Model Series (refer to option chart)	650939-X4D-B
Pump Type	Hydraulically Operated, Two-Ball, Double Acting Pump
Ratio	2.4:1
Hydraulic Motor	67314
Motor Repair Kit	637382
Motor Size	4.125 sq." (26.6 sq. cm)
Stroke	6" (152.4 mm)
Hydraulic Inlet (female)	1/2 - 14 N.P.T.F. - 2
Hydraulic Return (female)	3/4 - 14 N.P.S.
Lower Pump End Series	66475-X4D
Lower Pump Repair Kit	637098-X43
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 Inlet (female)	2 - 11-1/2 N.P.T.F. - 1
Material Outlet (female)	1 - 11-1/2 N.P.T.F. - 1

MATERIALS OF CONSTRUCTION

Outlet Body	Carbon Steel, Nickel plated
Cylinder	420 Stainless Steel
Plunger	17-4 Stainless Steel, Chrome plated
Upper Ball	440 Stainless Steel
Upper Seat	440 Stainless Steel
Lower Ball	440 Stainless Steel
Lower Seat	440 Stainless Steel
Inlet Body	Carbon Steel, Nickel plated
Weight	140 lbs (63.5 kgs)

PERFORMANCE

Hydraulic Inlet Pressure Range	50 - 2000 p.s.i. (3.4 - 137.9 bar)
Fluid Pressure Range	120 - 4800 p.s.i. (8.3 - 331.0 bar)
Required H-power @ 50 c.p.m.	3.2 @ 1200 (82.8 bar)
Hydraulic flow req'd @ 50 c.p.m.	8.7 g.p.m. (32.9 l.p.m.)
Maximum Rec'd Cycles / Minute	50
Displacement In ³ Per Cycle	20.3
Volume / Cycle	11.3 oz. (333.0 ml)
Cycles Per Gallon	11.4
Flow @ 50 Cycles / Minute	4.4 g.p.m. (16.7 l.p.m.)
Noise Level	N/A
Maximum Temperature Limit	130° F (54° C)

ACCESSORIES:

- 62151 Wall Mount Bracket
- 65139 Floor Mount



PERFORMANCE CURVES

