

OPERATOR'S MANUAL

650940-X-B

INCLUDING: SPECIFICATIONS, SERVICE KITS, GENERAL INFORMATION, TROUBLESHOOTING
 INCLUDE MANUALS: 6694X-X Lower Pump End (pn 97999-12), 67314-B Hydraulic Motor (pn 97999-1220) &
 S-632 General Information Manual (pn 97999-624)

RELEASED: 1-14-00
 REVISED: 11-13-06
 (REV. G)

4.125 SQ." HYDRAULIC MOTOR
0.8:1 RATIO
6" STROKE

650940-XXD-B
TWO BALL PUMP SERIES
 400 SERIES STAINLESS STEEL



**READ THIS MANUAL CAREFULLY BEFORE INSTALLING,
 OPERATING OR SERVICING THIS EQUIPMENT.**

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

SERVICE KITS

- Use only genuine ARO® replacement parts to assure compatible pressure rating and longest service life.
- **637450 for repair of hydraulic motor section.**
- **637211-XX3 for repair of lower pump section.** Refer to the chart on page 2 for description of -XXD options.

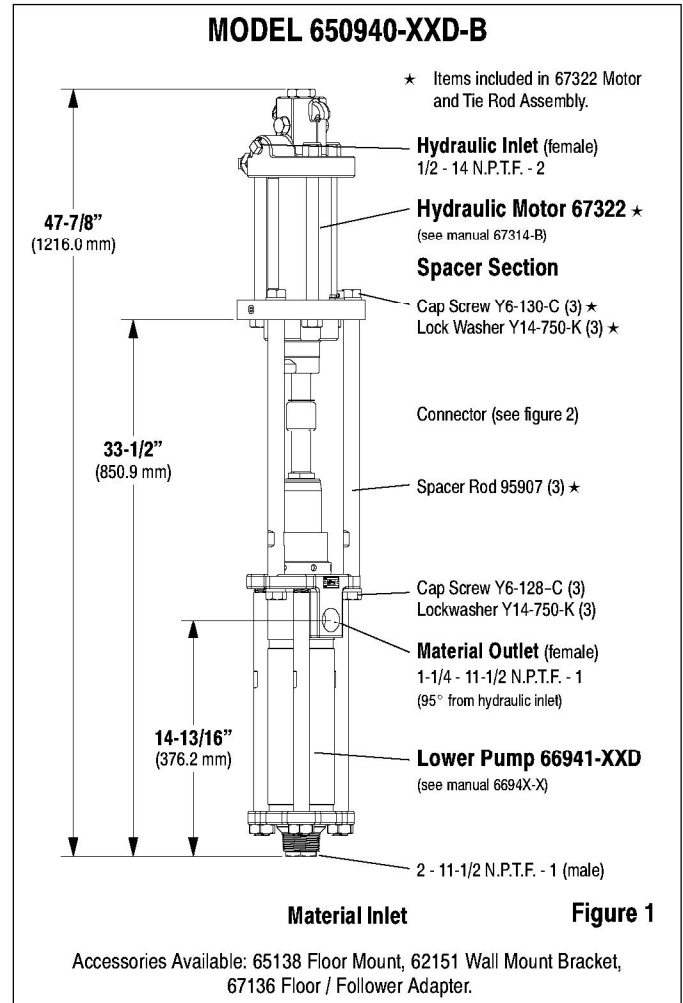
SPECIFICATIONS

Model Series (refer to option chart)	650940-XXD-B
Type	Hydraulic Operated, Two-Ball Double Acting Pump
Ratio	0.8:1
Hydraulic Motor	67314-B
Motor Repair Kit	637450
Motor Size	4.125 sq." (26.6 sq. cm)
Stroke	6" (15.2 cm)
Hydraulic Inlet (female)	1/2 - 14 N.P.T.F. - 2
Hydraulic Return (female)	3/4 - 14 N.P.S.M.
Lower Pump End Series	66941-XXD
Lower Pump Repair Kit	637211-XX3
Material Inlet (male)	2 - 11-1/2 N.P.T.F. - 1
Material Outlet (female)	1-1/4 - 11-1/2 N.P.T.F. - 1
Weight	140 lbs (63.5 kgs)

PERFORMANCE

Hydraulic Inlet Pressure Range	50 - 2000 p.s.i. (3.4 - 137.9 bar)
Fluid Pressure Range	40 - 1600 p.s.i. (2.8 - 110.3 bar)
Maximum Rec'd Cycles / Minute	50
Displacement In³ Per Cycle	59.6
Volume / Cycle	33.0 oz. (976.3 ml)
Cycles Per Gallon	3.9
Flow @ 50 Cycles / Minute	12.9 g.p.m. (48.8 l.p.m.)

PUMP DATA



IMPORTANT

This is one of the four documents which support the pump. Replacement copies of these forms are available upon request.

- 650940-X-B Model Operator's Manual (pn 97999-885)
- S-632 General Information - Industrial Piston Pumps (pn 97999-624)
- 6694X-X Lower Pump End Operator's Manual (pn 97999-12)
- 67314-B Hydraulic Motor Operator's Manual (pn 97999-1220)