

OPERATOR'S MANUAL

650934-X-C

INCLUDING: SPECIFICATIONS, SERVICE KITS, GENERAL INFORMATION, TROUBLESHOOTING.

INCLUDE MANUALS: 66243-X-B Lower Pump End (pn 97999-828), 67147-B Hydraulic Motor (pn 97999-1219) & S-632 General Information Manual (pn 97999-624)

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 (REV. C)

2.062 SQ." HYDRAULIC MOTOR
2:1 RATIO
6" STROKE

650934-XX3-C CHOP-CHECK PUMP SERIES CARBON 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.
- **637449** for repair of hydraulic motor section.
- **637071-X43-B** for repair of lower pump section. Refer to the chart on page 2 for description of -XXX options.

SPECIFICATIONS

| | |
|---|------------------------------------|
| Model Series (refer to option chart) | 650934-XX3-C |
| Type | Hydraulically Operated, Chop-Check |
| Ratio | 2:1 |
| Hydraulic Motor | 67147-B |
| Motor Repair Kit | 637449 |
| Motor Size | 2.062 sq." (13.3 sq. cm) |
| Stroke | 6" (15.2 cm) |
| Hydraulic Inlet (female) | 3/8 - 18 N.P.T.F. - 2 |
| Hydraulic Return (female) | 1/2 - 14 N.P.T.F. - 2 |
| Lower Pump End Series | 66243-XX3-B |
| Lower Pump Repair Kit | 637071-X43-B |
| Material Inlet | N/A |
| Material Outlet (female) | 1 - 11-1/2 N.P.T.F. - 1 |
| Weight | 62.4 lbs (28.3 kgs) |

PERFORMANCE

| | |
|--|-------------------------------------|
| Hydraulic Inlet Pressure Range | 50 - 1200 p.s.i. (3.4 - 83 bar) |
| Fluid Pressure Range | 100 - 2400 p.s.i. (6.9 - 165.5 bar) |
| Required H-power @ 50 c.p.m. | 3.2 @ 1200 (83 bar) |
| Hydraulic flow required @ 50 c.p.m. | 4.9 g.p.m. (18.5 l.p.m.) |
| Maximum rec'd Cycles / Minute | 50 |
| Displacement In³ Per Cycle | 12.503 |
| Volume / Cycle | 6.9 oz. (205 ml) |
| Cycles Per Gallon | 18.5 |
| Flow @ 50 Cycles / Minute | 2.7 g.p.m. (10.2 l.p.m.) |
| Noise Level | N/A |
| Maximum Temperature Limit | 130° F (54° C) |

PUMP DATA

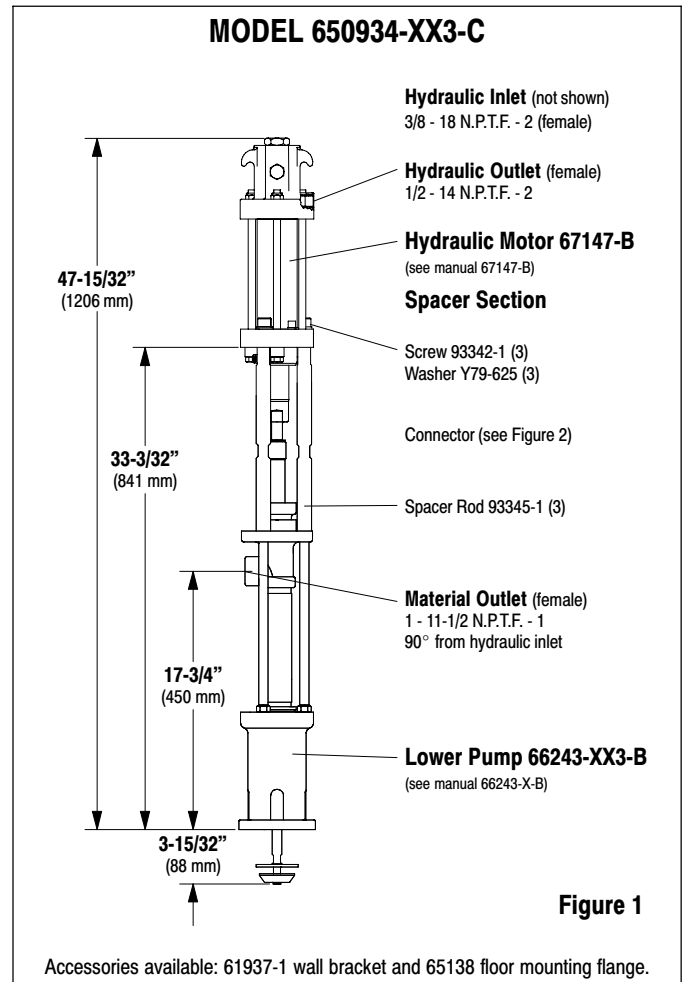


Figure 1

IMPORTANT

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

- 650934-X-C Model Operator's Manual (pn 97999-835)
- S-632 General Information - Industrial Piston Pumps (pn 97999-624)
- 66243-X-B Lower Pump End Operator's Manual (pn 97999-828)
- 67147-B Hydraulic Motor Operator's Manual (pn 97999-1219)