

L6 SERIES

High Flow Liquid Pump

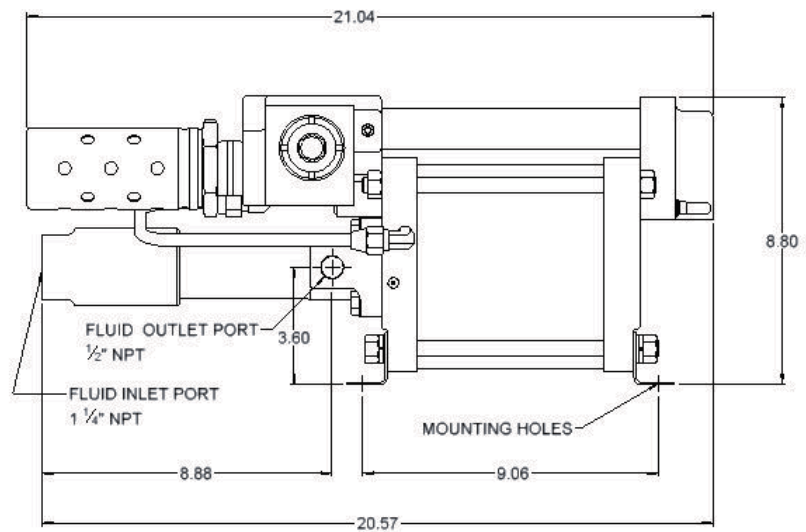
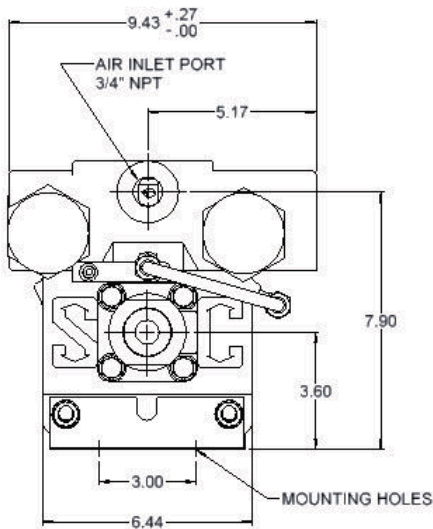
The SC L6 Series pump has a 6" diameter drive section and stainless steel wetted parts in the hydraulic section. This double acting high flow pump is capable of hydraulic pressures up to 11,200-psi and is available in three pressure ratios: 40:1, 60:1 and 100:1.

It is designed to operate with air drive pressures between 15-psi and 100-psi. Air consumption under normal operating conditions ranges from 50-SCFM to 200-SCFM depending on outlet pressure required. It is dimensionally interchangeable with competitive model pumps.

Typical applications include choke control operation, hydrostatic testing and press applications.

APPLICATIONS

- **Sub-sea valve actuation**
- **Safety shut down valves**
- **Wire-line control systems**
- **Blow out preventer control systems**
- **Bolt tensioning**
- **Pressure testing**



Mounting Dimensions in Inches

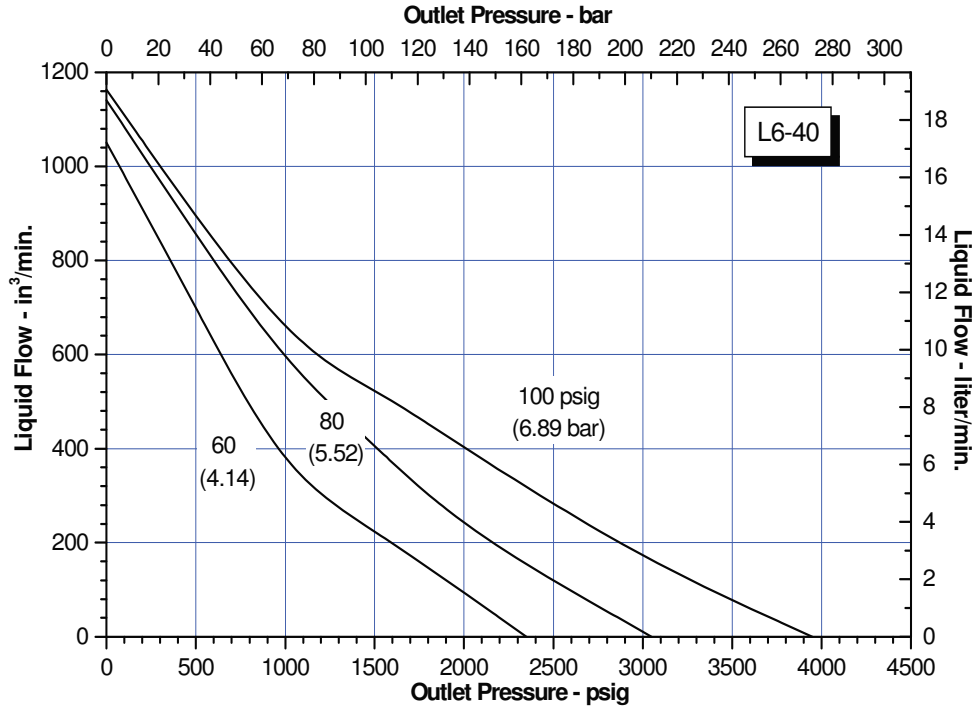
Dash Number	Actual Ratio	Max. Outlet Pressure (100 psig Air Supply)	Displacement Per Cycle Cu. In.	Connection Ports NPT	
				A Inlet	B Outlet
-40	40.3	3,950	6.0	1 1/4"	1/2"
-60	69.0	6,420	3.5	1 1/4"	1/2"
-100	115.0	11,200	2.1	1 1/4"	1/2"

Manufactured in the United States

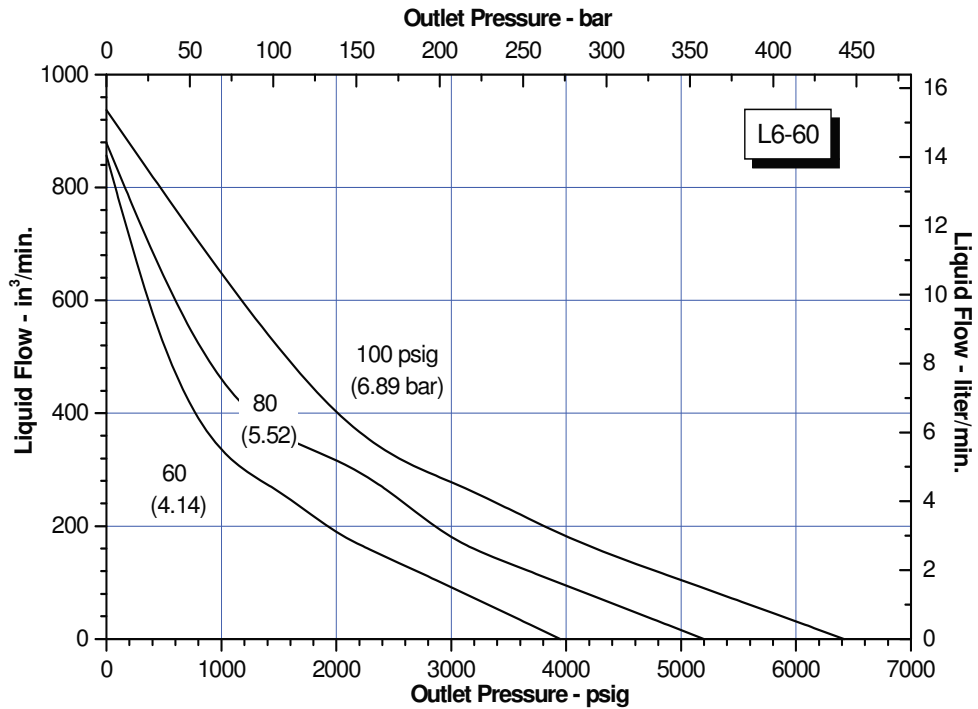
L6 SERIES

High Flow Liquid Pump

L6-40



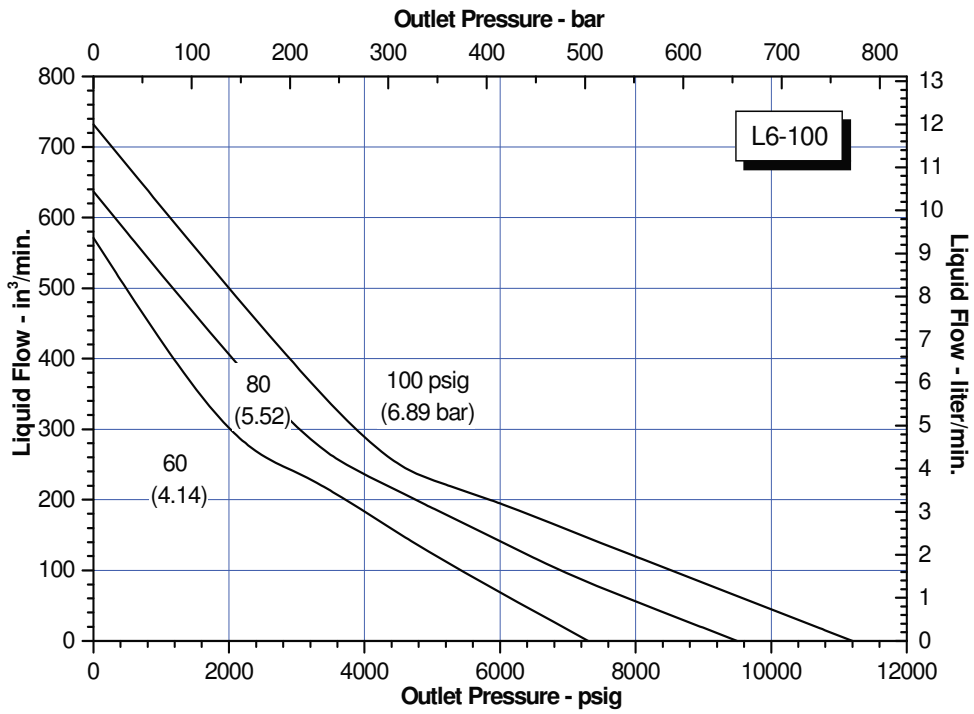
L6-60



Manufactured in the United States

L6 SERIES

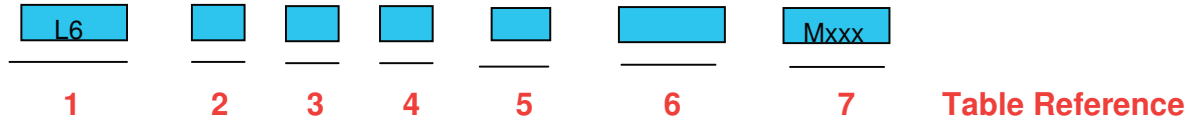
High Flow Liquid Pump



L6-100

Manufactured in the United States

HOW TO ORDER TABLE



Example #1 showing no modification

Example #2 showing modifications:
Viton Seals in air motor, Viton seals in hydraulic section,
counter port and remote pilot.

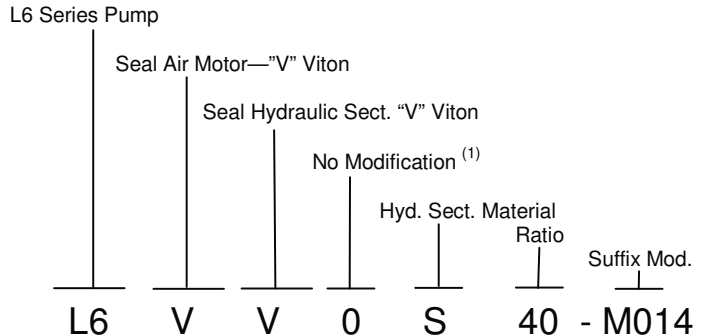
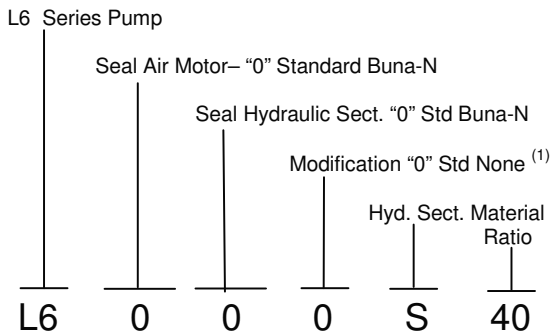


TABLE 1 Pump Series Designation
L6 6" Bore High Volume Pump

TABLE 2 Air Motor Seals
0 Buna-N
V Viton®

TABLE 3 Hydraulic Section Seals
0 Buna-N/Polyurethane
V Viton®
E EPR (Ethylene Propylene)

TABLE 4 Modifications
0 No Modification

TABLE 5 Material of Construction—Hydraulic Section
S Stainless Steel

TABLE 6 Pressure Ratio
40 40.3:1 Actual Ratio
60 69:1 Actual Ratio
100 115:1 Actual Ratio

TABLE 7 Suffix Modifications
Blank No Modification (Remote Pilot Included)⁽¹⁾
M014 Counter Port, 5/8-18 UNF-2B Thd.

Additional Modifications may be included with an "M" suffix at the end of the model number.

Notes:

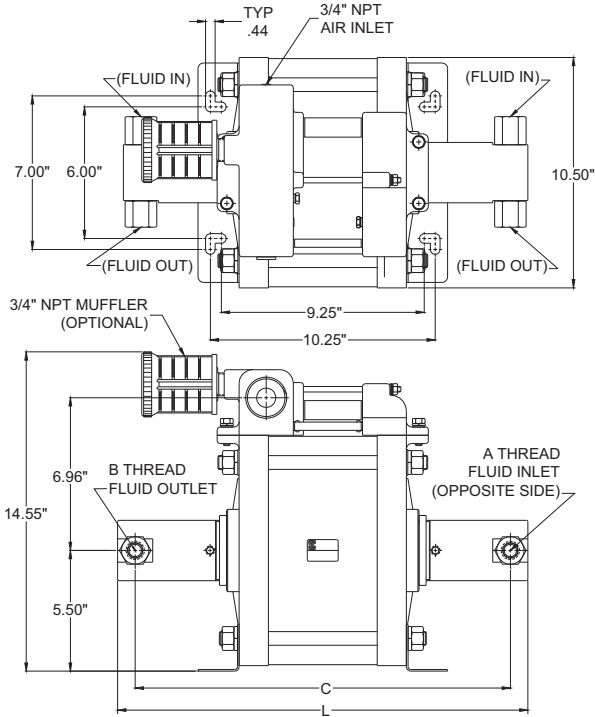
(1) Remote Pilot Modification is built-in on every L6 Series pump. No modification number is needed when ordering. See L6 Series Pump Parts Break Down for details.

L10 SERIES

Double Acting Liquid Pump

APPLICATIONS

- Sub-sea valve actuation
- Safety shut down valves
- Wire-line control systems
- Blow out preventer control systems
- Bolt tensioning
- Pressure testing
- Sub-surface control systems
- Flushing rigs



Mounting Dimensions in Inches

Dash Number	Actual Ratio	Max Pressure psig	Displacement Per Cycle Cu. In.	Connection Ports NPT		C	L
				A Inlet	B Outlet		
-33	32.6	4,075	16.84	1"	1"	17.22	19.19
-66	64.0	8,000	8.59	1/2"	1/2"	17.10	18.70
-114	113.9	14,200	4.83	1/2"	1/2"	16.72	18.18
-177	177.8	22,200	3.09	1/2"	13/16-16*	17.14	18.61
-256	256	32,000	2.15	1/2"	1 1/8-12**	16.92	18.38

*Coned and Threaded High Pressure Connection for 20 KSI 9/16" O.D. Tubing
 **Coned and Threaded High Pressure Connection for 30 or 60 KSI 9/16" O.D. Tubing

Wetted Materials of Construction

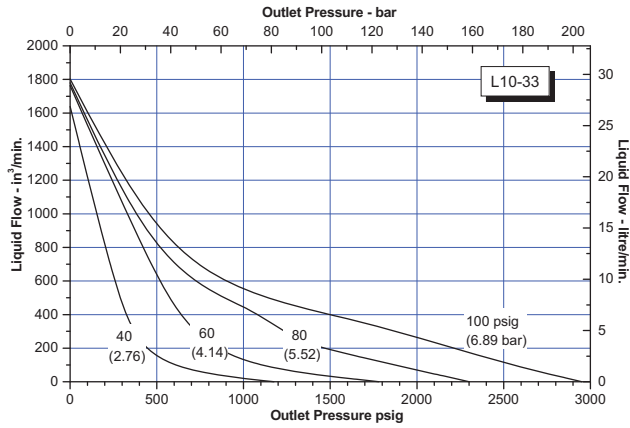
L10 standard Model	Hydraulic Plunger and Piston	Hydraulic Cylinder	Non-Metalic Parts	Inlet & Outlet Metalic Parts
L10-33	316 SS Chrome Plated	17-4 SS	PolyPak ® Buna-N* Viton ® EPR	316 SS 17-4 SS
L10-66				
L10-114				
L10-177			UHMWP Buna-N Viton® PTFE	
L10-256	17-4 SS Chrome Plated			

Manufactured in the United States

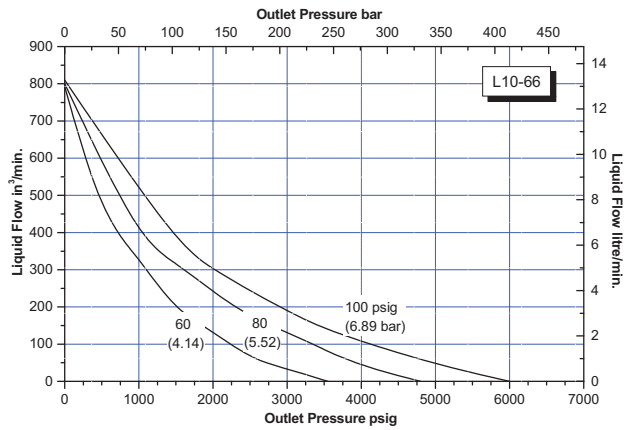
L10 SERIES

Double Acting Liquid Pump

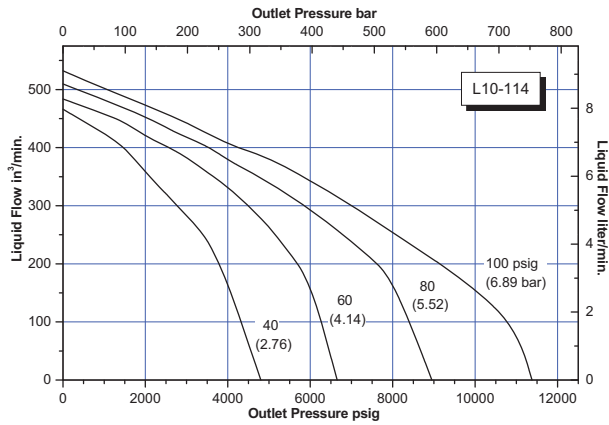
L10-33



L10-66



L10-114



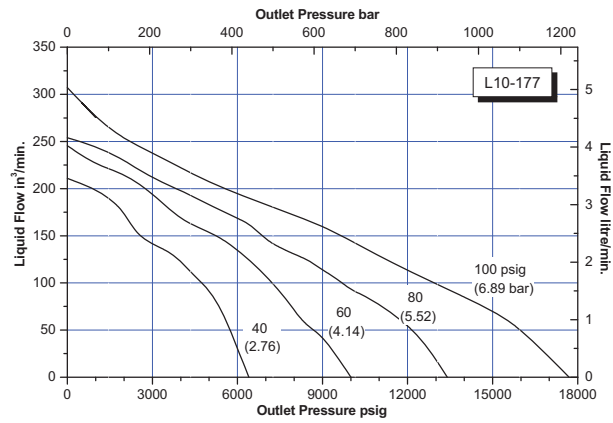
Manufactured in the United States

449/501

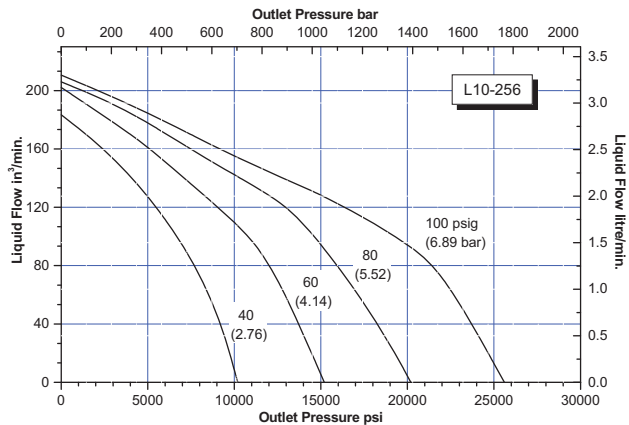
L10 SERIES

Double Acting Liquid Pump

L10-177



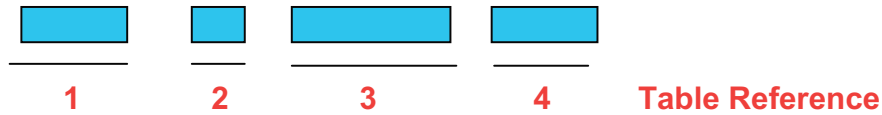
L10-256



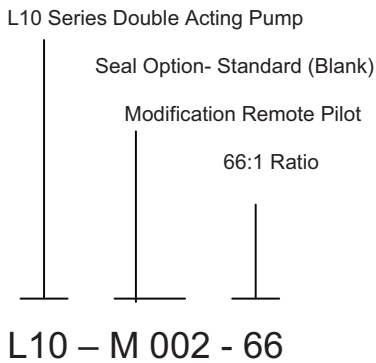
Manufactured in the United States

450/501

HOW TO ORDER TABLE



Example #1 showing 1 modification



Example #2 showing 2 modifications

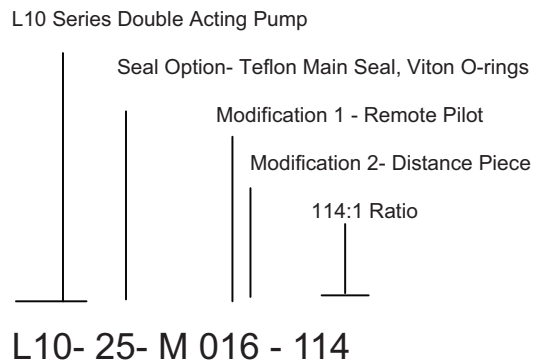


TABLE 1 Pump Series Designation

L10 10" Bore Double-Acting Pump

TABLE 2 Main Seal / Hydraulic Section ⁽¹⁾

- 20** UHMW / Viton[®] (177, 256)
- 21** Polypak / Buna-N (33, 66, 114)
- 22** Polypak / Viton[®] (33, 66, 114)
- 23** UHMW / Buna-N (177, 256)
- 24** UHMW / EPR (177, 256)
- 26** Polypak / EPR (33, 66, 114)

TABLE 3 Modifications

- Blank** Standard- No Modifications
- 002** Remote Pilot
- 005** Distance Piece
- 014** Threaded for Counter, 5/8"-18 UNF
- 015** High Pressure Outlet⁽²⁾
- 016** Remote Pilot, Distance Piece
- 017** Remote Pilot, High Pressure Outlet⁽²⁾

TABLE 3 Modifications (continued)

- 018** Distance Piece, High Pressure Outlet⁽²⁾
- 019** Remote Pilot, Distance Piece, High Pressure Outlet⁽²⁾

TABLE 4 Pressure Ratio

- 33** 32.6 Actual Ratio
- 66** 64 Actual Ratio
- 114** 113.9 Actual Ratio
- 177** 177.8 Actual Ratio
- 256** 266 Actual Ratio

Additional Special Modifications may be included with an "M" suffix at the end of the model number.

Notes:

- (1) Do not fill gap on a two digit description. Refer to example above.
- (2) Available on -66, -114 only.