

# HLR 7950A Hydraulic Interface Valve

Two position, three way Normally Closed, pilot supply pressure operated, spring return, 10,000 PSI, flow control valve. A Pilot Supply pressure of 80 PSI is required for controlling hydraulic pressure of 10,000 PSI. These Hydraulic Valves are generally used to operate Surface Controlled Sub-Surface Safety Valves (SCSSV).

**Design Features:**

Dimensions: 2.500" Dia. x 4.250" L.

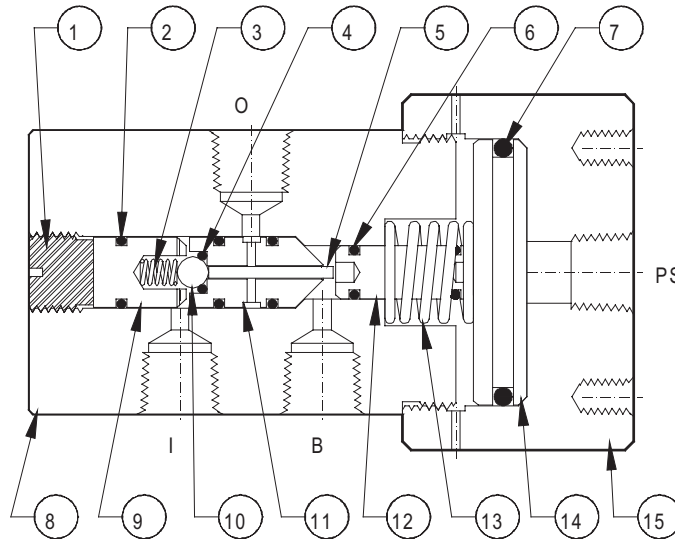
Working Pressure: Pilot Supply - 80-150 PSI

Hydraulic Supply - 10,000 PSI Max.

Connections: 1/4" - 18 NPT.

Weight: 4.3 lbs.

Bolt Holes: 2 Places - 1/4"-20 UNC on a 1 3/4" bolt hole circle.



## BILL OF MATERIAL

ITEM	PART NAME	PART NUMBER	MATERIAL
1.	Screw	7954	316SS
2.	O-Ring (3)	AS-012V95	Viton
3.	Spring	.210X.375X22	316SS
4.	O-Ring	AS-008VTC95	Viton Teflon Coated
5.	Pin	.078X.875	316SS
6.	O-Ring (2)	AS-010V75	Viton
7.	O-Ring	AS-223V75	Viton
8.	Body	7953	316SS
9.	Seal	7898A	316SS
10.	Ball	7/32 TC	Tungsten Carbide
11.	Lower Seat	7897B	316SS
12.	Upper Seat	7895C	316SS/Kevlar Nylon
13.	Spring	.72X1X35	302SS
14.	Piston	7952	316SS
15.	Cap	7951	316SS

Item #12 has dual sealing surfaces.

Other Models of the HLR 7950A Series

HLR 7950A15 - 15,000 PSI WP (Autoclave IN and OUT ports)

HLR 7950AT - Teflon seal ball check (for use with high flow electric pumps)

HLR 7950AH - Hydraulic Pilot Supply

HLR 7950AH15 - 15,000 PSI WP with hydraulic Pilot Supply

HLR 7950AHT - Hydraulic Pilot Supply pressure operated with Teflon seal

HLR 7950ALT - Low Temperature Arctic service

HLR 7950A Total Special - Total Indonesia (5 BAR pilot supply pressure)