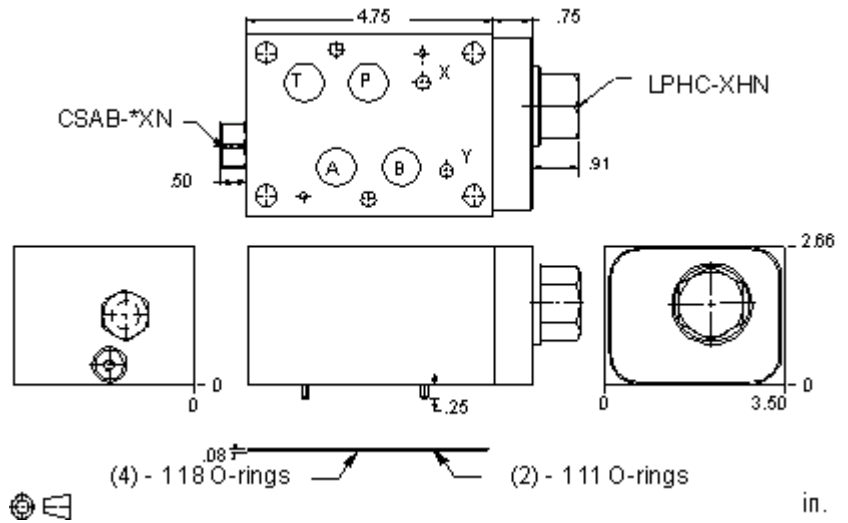


Restrictive pressure compensator with load sense port



This valve assembly consists of a normally-open restrictive style compensator on the P port and a shuttle that senses pressure from the higher of the 2 work ports. Its purpose is to provide a relatively constant pressure drop across the directional valve thus isolating the directional valve spool from high flow forces. This is accomplished by throttling the supply into the P port. The constant drop creates a pressure compensated flow control out of the directional valve. The shuttle valve has a auxiliary port in the hex body for connection into the load sense system.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Sandwich
Interface	ISO 07
Body Features	Meter in P
Seal Plate Included (see notes)	Yes
Stack Height	2.74 in.

- NOTES:**
- Stack height value in technical data table includes seal retainer plate.
 - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
 - Important:** Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

CONFIGURATION OPTIONS

Model Code Example: YFFFXHNA

CONTROL	(X)	DIFFERENTIAL PRESSURE	(H)	SEAL MATERIAL	(N)
X	Not Adjustable	H	200 psi (14 bar)	N	Buna-N
		D	50 psi (3,5 bar)	V	Viton
		F	100 psi (7 bar)		
		G	150 psi (10,5 bar)		

PRIMARY CARTRIDGE

(A)

A	A (with LPHC primary cartridge, Normally open, modulating element)
A	A (with LPHCL primary cartridge, Tuneable, normally open, modulating element)