



This valve assembly consists of a normally-closed bypass 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 bypassing the excess oil to the T port. The constant drop creates a pressure compensated flow control out of the directional valve.

**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: YFFGXHNA

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

**PRIMARY CARTRIDGE**

(A)

<b>A</b>	A (with LRHC primary cartridge, Normally closed, modulating element)
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