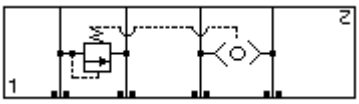
MODEL

YFCK

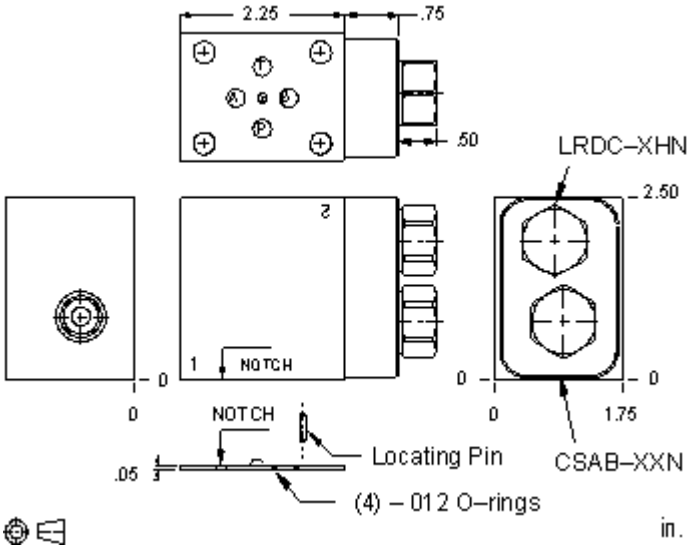
Bypass pressure compensator assembly

CAPACITY: 15 gpm

sunhydraulics.com/model/YFCK



Bypass pressure compensator



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 03
Body Features	Meter in P
Seal Plate Included (see notes)	Yes
Stack Height	2.55 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: YFCKXCHCNNAA

CONTROL (X)	
X	Not Adjustable

DIFFERENTIAL PRESSURE (C)	
C	30 psi (2 bar)
D	50 psi (3,5 bar)
F	100 psi (7 bar)
G	150 psi (10,5 bar)
H	200 psi (14 bar)

DIFFERENTIAL PRESSURE (C)	
C	30 psi (2 bar)
D	50 psi (3,5 bar)
F	100 psi (7 bar)

SEAL MATERIAL (N)	
N	Buna-N
V	Viton

SEAL MATERIAL (N)	
N	Buna-N
V	Viton

CONTROL LETTER(S) OF SUBORDINATE CARTRIDGE (A)	
A	A (with LRDC primary cartridge, Normally closed, modulating element)
A	A (with LRDCL primary cartridge, Tuneable, normally closed, modulating element)

MATERIAL DESIGNATION (A)	
A	A Aluminum
A/S	A/S Iron