

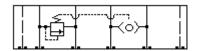
MODEL YFIC

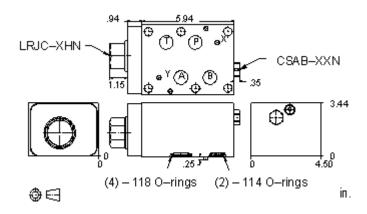
Bypass pressure compensator assembly

CAPACITY: 120 gpm



sunhydraulics.com/model/YFIC





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 08
Body Features	Meter in P

NOTES: • *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.

• For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

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Bypass pressure compensator assembly

CAPACITY: 120 gpm

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CONFIGURATION OPTIONS

Model Code Example: YFICXHNCA

CONTROL (X) DIFFERENTIAL PRESSURE (H) SEAL MATERIAL

(N)

Χ	Not Adjustable	Н	200 psi (14 bar)	N	Buna-N
L	Tuning Adjustment	D	50 psi (3,5 bar)	V	Viton
		F	100 psi (7 bar)		
		G	150 psi (10,5 bar)		

PRIMARY CARTRIDGE (C)

C (with LRJC primary cartridge, Normally closed, modulating element)

INCLUDED COMPONENTS

Part	Description	Quantity
500-001-114*	O-Ring	2
500-001-121*	O-Ring	4
811-001-002*	Locating Pin	1
A330-006-004*	SAE Plug	1
CSABXXN	Cartridge	1
LRJCXHN	Cartridge - Primary	1

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