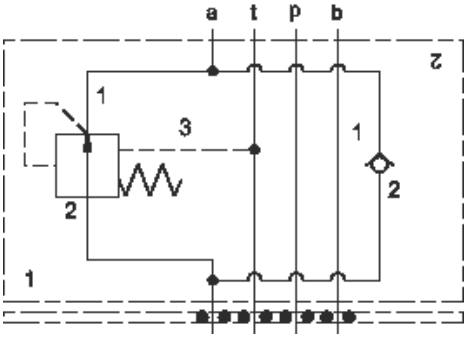
MODEL

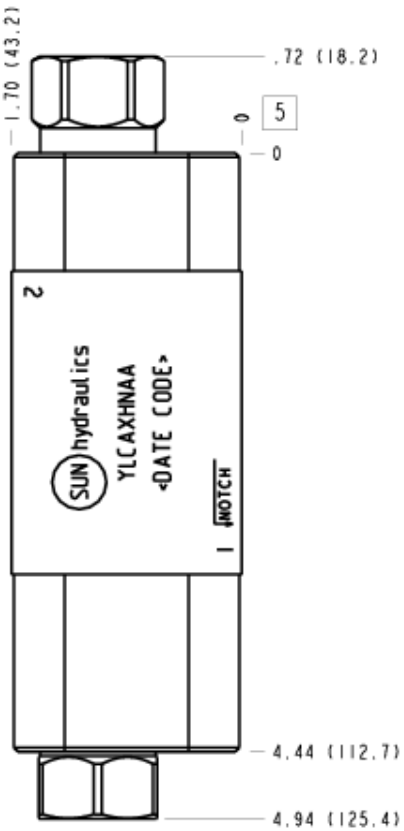
YLCA

Pressure compensator assembly with reverse flow check

CAPACITY: 15 gpm

sunhydraulics.com/model/YLCA





This valve assembly consists of a normally-open restrictive style compensator on the A port. 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 return from the A 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
Capacity	15 gpm
Body Features	Meter out A
Seal Plate Included (see notes)	Yes
Stack Height	1.75 in.

NOTES:

- Customer to install locating pin (included) for functional orientation desired.
- 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.

OPTION SELECTION EXAMPLE: YLCAXHNAA

CONTROL	(X)
X	Not Adjustable

DIFFERENTIAL PRESSURE	(H)
H	200 psi (14 bar)
D	50 psi (3,5 bar)
F	100 psi (7 bar)

SEAL MATERIAL	(N)
N	Buna-N
V	Viton

PRIMARY CARTRIDGE	(A)
A	A (with LPDC primary cartridge, Normally open, modulating element)
A	A (with LPDCL primary cartridge, Tuneable, normally open, modulating element)

INCLUDED COMPONENTS

Part	Description	Quantity
500-001-012*	O-Ring	4
700-002*	Seal Plate	1
811-001-006*	Pin	1
850-004-250*	Plug	2
CXDAXCN	Cartridge	1
LPDCXHN	Cartridge - Primary	1

TECHNICAL FEATURES

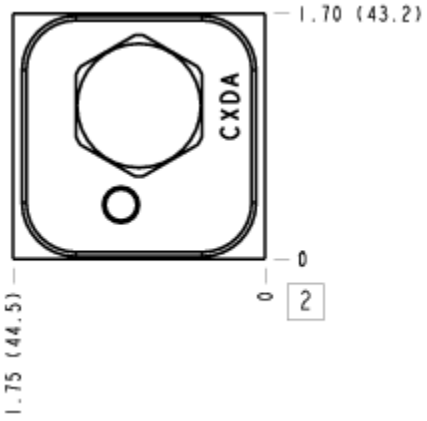
- Another term for this assembly is a hydrostat.

MANIFOLD FACES

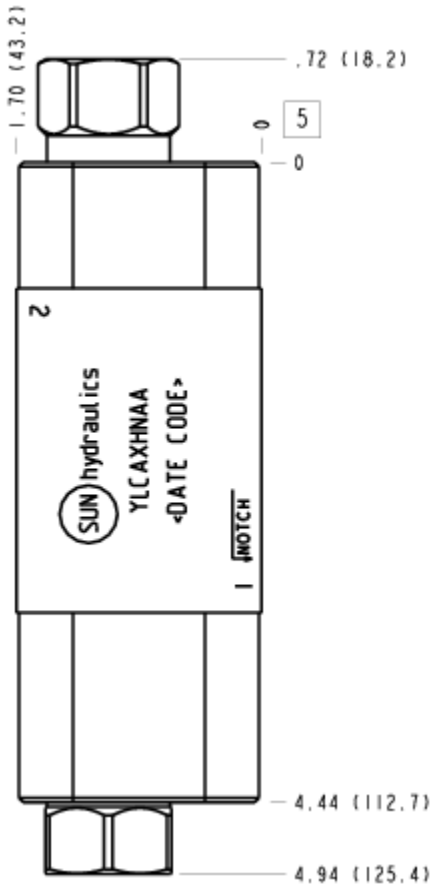
FACE GRID

1	2	3	4
5	6	7	8
9	10	11	12

FACE 2



FACE 5



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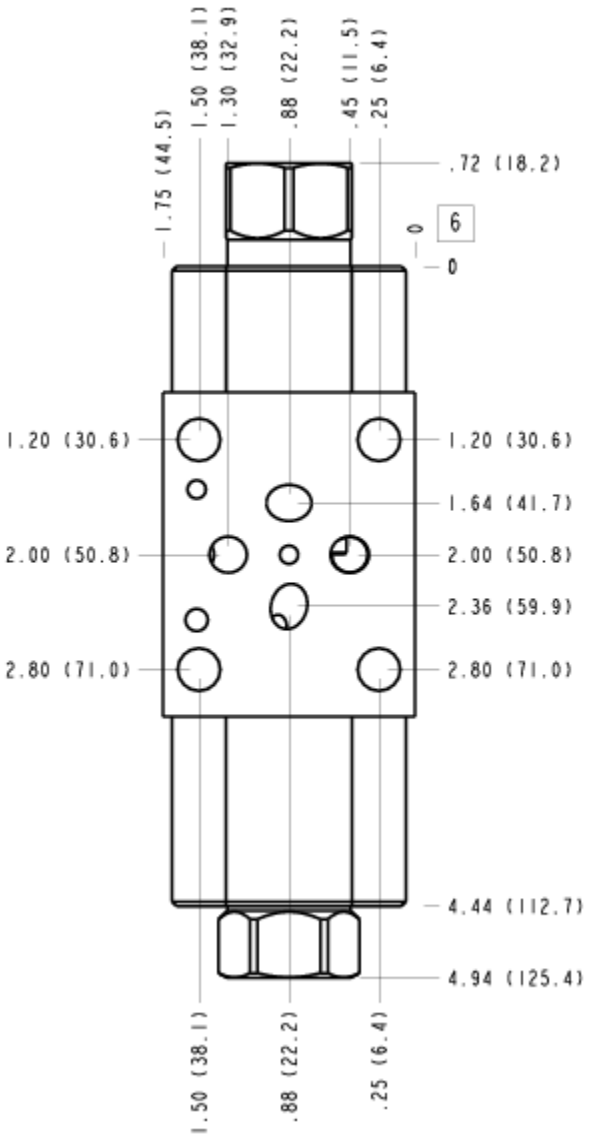

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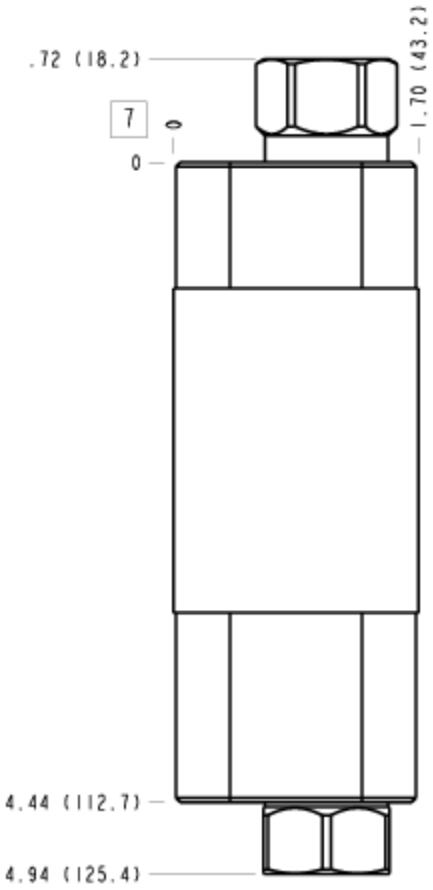

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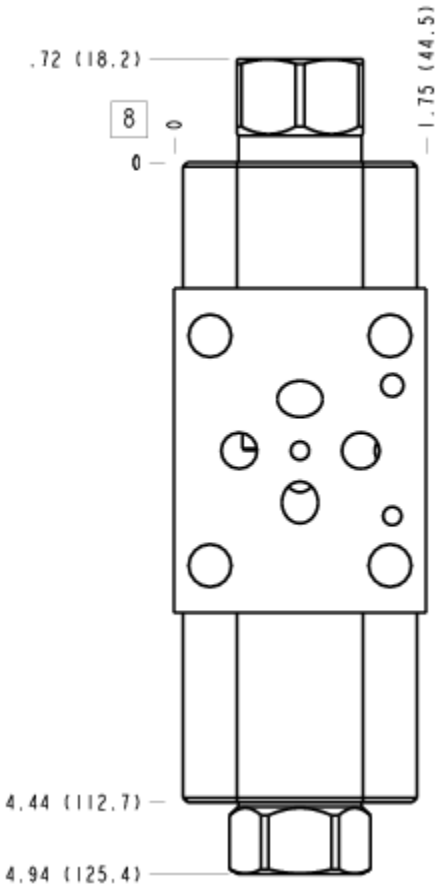

FACE 10