

This assembly consists of a fully-adjustable, pressure-compensated flow control with reverse-flow check which provides precise flow regulation for meter-in or meter-out applications where there may be wide pressure fluctuations. It is infinitely adjustable from nearly closed up to the maximum flow. An integral high-capacity check valve provides unrestricted flow in the reverse direction. The rapid or feed rate is selected by a vented, pilot-to-open check valve with an external pilot port.

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

Body Type	Sandwich
Interface	ISO 03
Capacity	15 gpm
Body Features	Meter in on B or meter out on A
Control Flow Range	0 - 6 gpm
Seal Plate Included (see notes)	Yes
Stack Height	1.75 in.

- NOTES:**
- The external 1/4 NPTF pilot port is part of the pilot to open check cartridge.
 - 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: YFCILANAA

CONTROL	(L) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
L Standard Screw Adjustment	A .1 - 6 gpm (0,4 - 23 L/min.)	N Buna-N	
C Tamper Resistant - Factory Set	B .1 - 2 gpm (0,4 - 8 L/min.)	V Viton	
H Calibrated Handknob with Detent Lock			
K Handknob			
Y Tri-Grip Handknob			

PRIMARY CARTRIDGE	(A)
A A (with FDBA primary cartridge, Fully adjustable pressure compensated flow control valve with reverse flow check)	

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
CKCHVCN	Cartridge	1
FDBALAN	Cartridge - Primary	1

TECHNICAL FEATURES

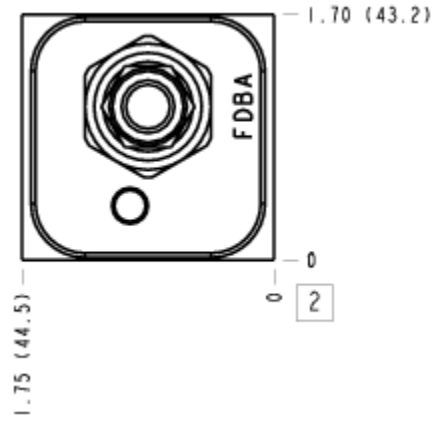
- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- A balanced adjustment mechanism allows for easy adjustment even at high pressures.

MANIFOLD FACES

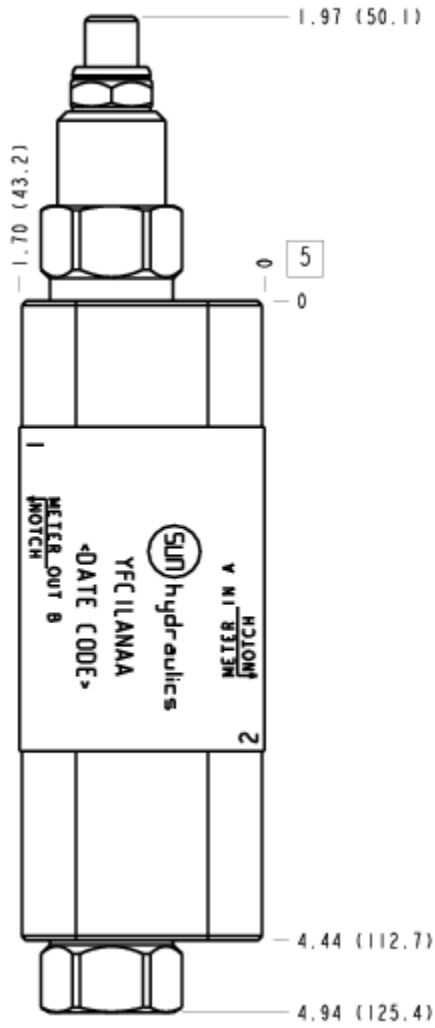
FACE GRID

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

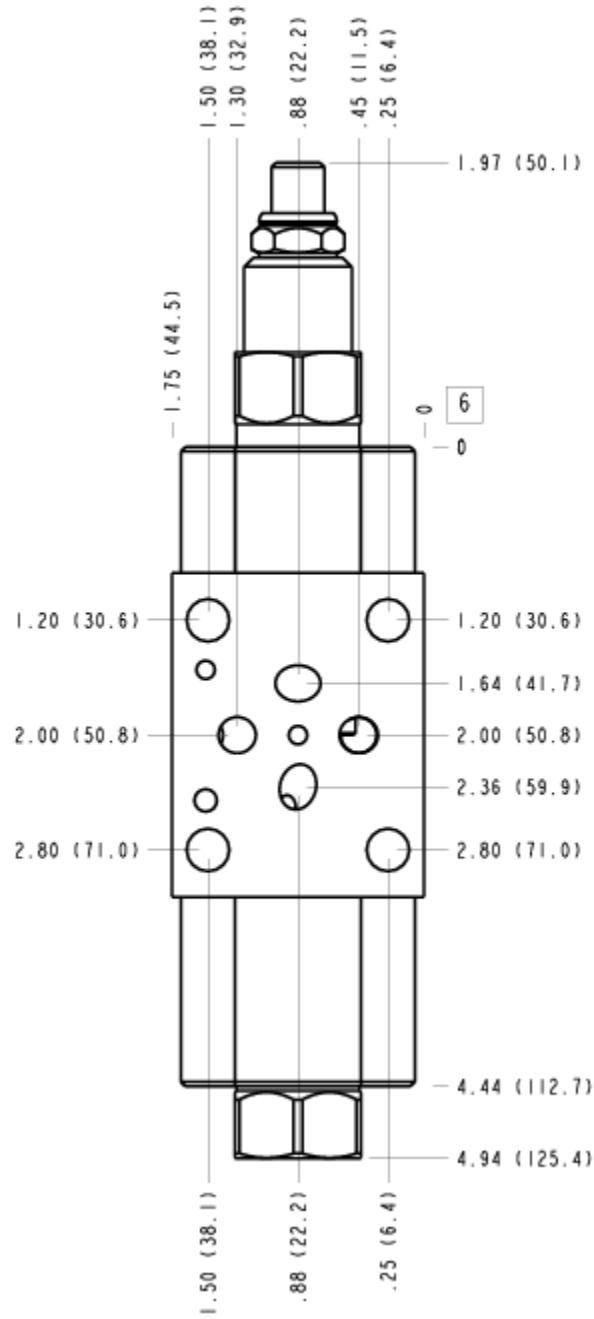
FACE 2



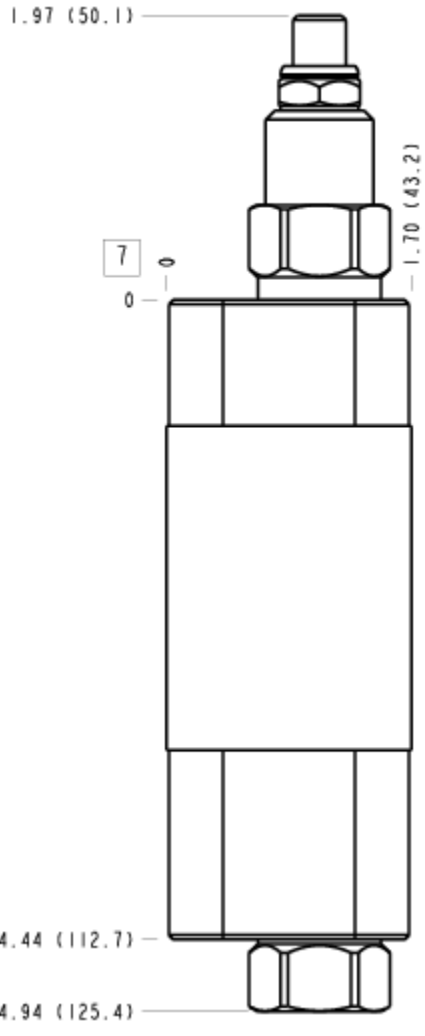
FACE 5



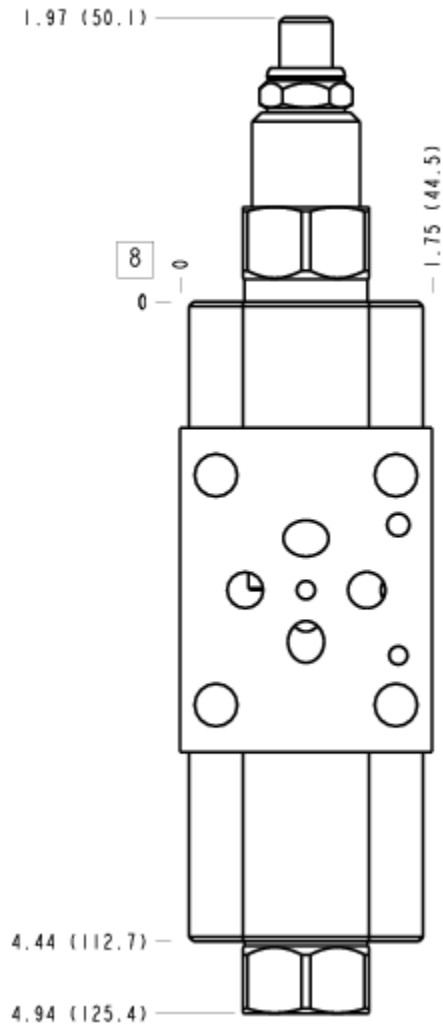
FACE 6



FACE 7



FACE 8



FACE 10

