

This valve assembly provides overrunning load-control, load-port relief protection, supplies make-up oil, and flushes hot dirty oil out of the actuator. All oil coming out of the actuator returns to tank through port T.

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

Body Type	Motor mount
Interface	Eaton/Char-Lynn H & S
Capacity	15 gpm
Mounting Hole Diameter	.34 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	4

- NOTES:**
- All SAE o-ring porting per ISO 11926. All NPTF porting per ANSI B1.20.1. All BSPP porting parallel thread.
 - 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: YCCLHNAK

CONTROL	(L) FUNCTIONAL SETTING RANGE	(H) SEAL MATERIAL	(N)
L Standard Screw Adjustment	H 1000 - 4000 psi w/25 psi Check (70 - 280 bar w/ 1,7 bar Check), 3000 psi (210 bar) Standard Setting	N Buna-N	
C Tamper Resistant - Factory Set	A 1000 - 4000 psi w/4 psi Check (70 - 280 bar w/ 0,3 bar Check), 3000 psi (210 bar) Standard Setting	V Viton	
	B 400 - 1500 psi w/4 psi Check (28 - 105 bar w/ 0,3 bar Check), 1000 psi (70 bar) Standard Setting		
	I 400 - 1500 psi w/25 psi Check (28 - 105 bar w/ 1,7 bar Check), 1000 psi (70 bar) Standard Setting		

PRIMARY CARTRIDGE (A)

A	3:1 (with CBCA primary cartridge, 3:1 pilot ratio, standard capacity counterbalance valve)
Y	2:1 (with CBCYX primary cartridge, Fixed setting, 2:1 pilot ratio, standard capacity counterbalance valve)
H	10:1 (with CBCHX primary cartridge, Fixed setting, 10:1 pilot ratio, standard capacity counterbalance valve)
G	4.5:1 (with CBCGX primary cartridge, Fixed setting, 4.5:1 pilot ratio, standard capacity counterbalance valve)
A	3:1 (with CBCAX primary cartridge, Fixed setting, 3:1 pilot ratio, standard capacity counterbalance valve)
Y	2:1 (with CBCY primary cartridge, 2:1 pilot ratio, standard capacity counterbalance valve)
H	10:1 (with CBCH primary cartridge, 10:1 pilot ratio, standard capacity counterbalance valve)
G	4.5:1 (with CBCG primary cartridge, 4.5:1 pilot ratio, standard capacity counterbalance valve)

INCLUDED COMPONENTS

Part	Description	Quantity
330-006-008*	Plug	2
500-002-908*	O-Ring	2
CBCALHN	Cartridge - Primary	2
CXCDXAN	Cartridge	2
CXDAXAN	Cartridge	2

TECHNICAL FEATURES

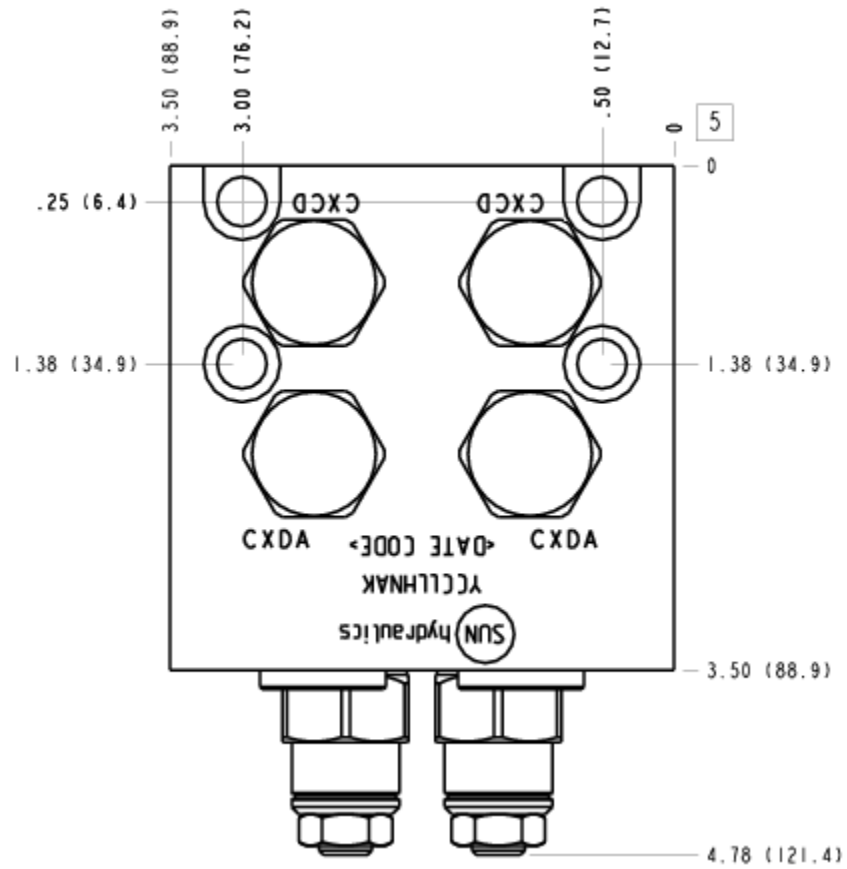
- The counterbalance valves should be set at 1.3 times the maximum load induced pressure.
- This assembly is ideal for applications with long lines to the actuators. Mounting the assembly close to an actuator ensures that cool, clean oil will be supplied to the actuator and that the hot, dirty oil will go out the T port to the tank
- Hydraulic motors leak. Therefore a mechanical brake is recommended to positively lock any stopped live load.

MANIFOLD FACES

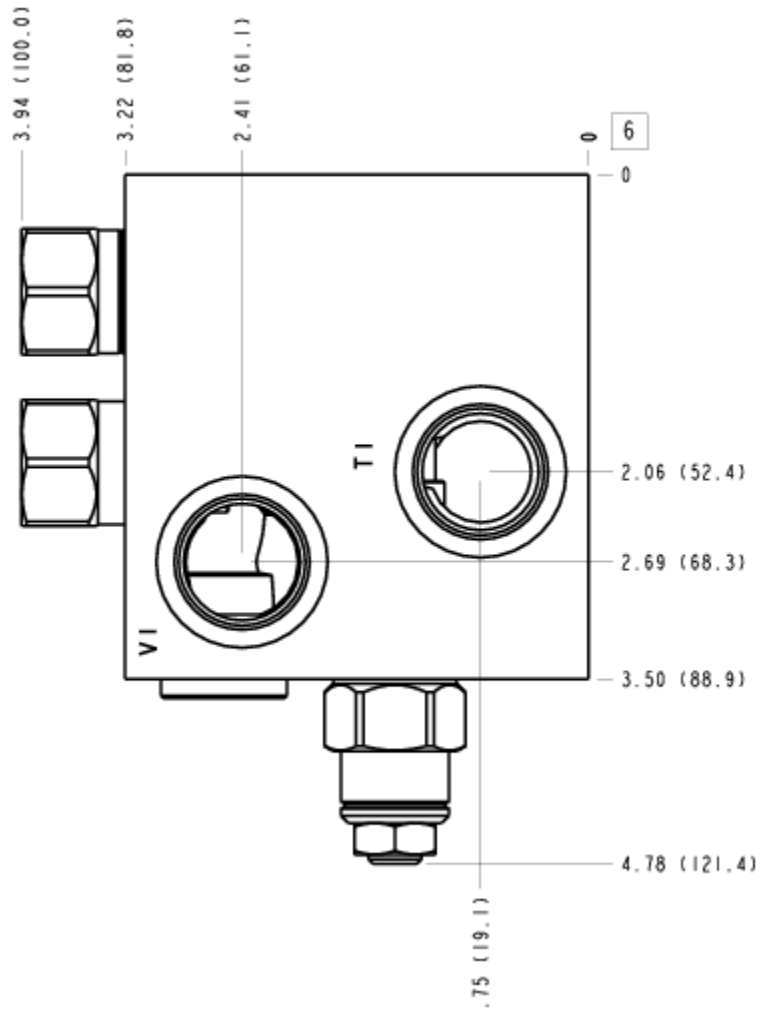
FACE GRID

5	6	7	8
9	10	11	12

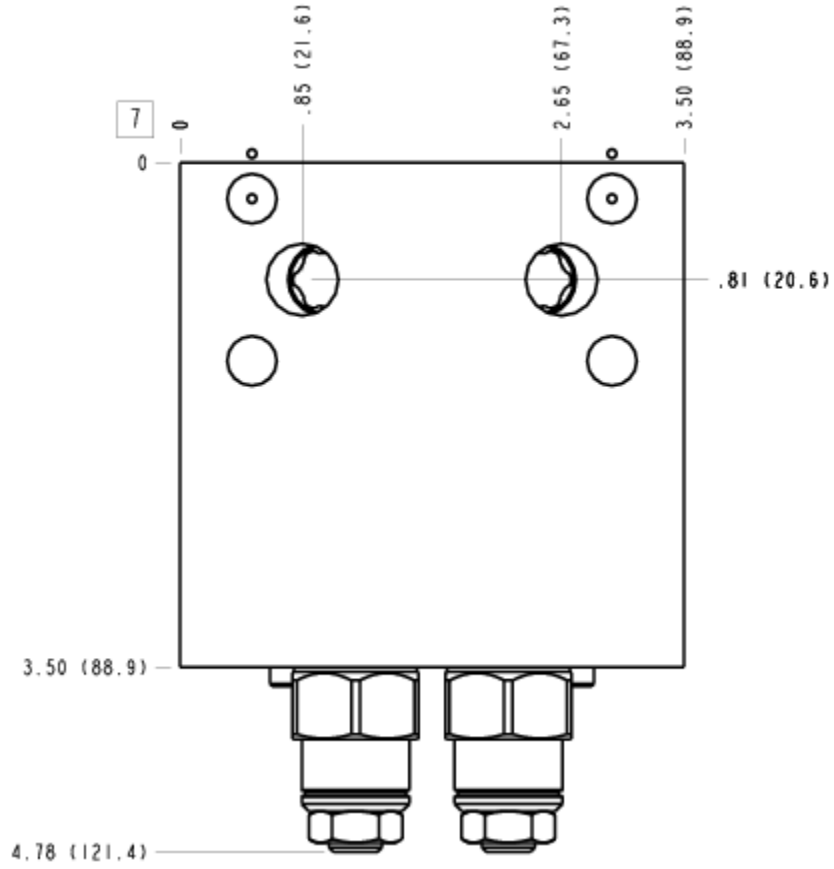
FACE 5



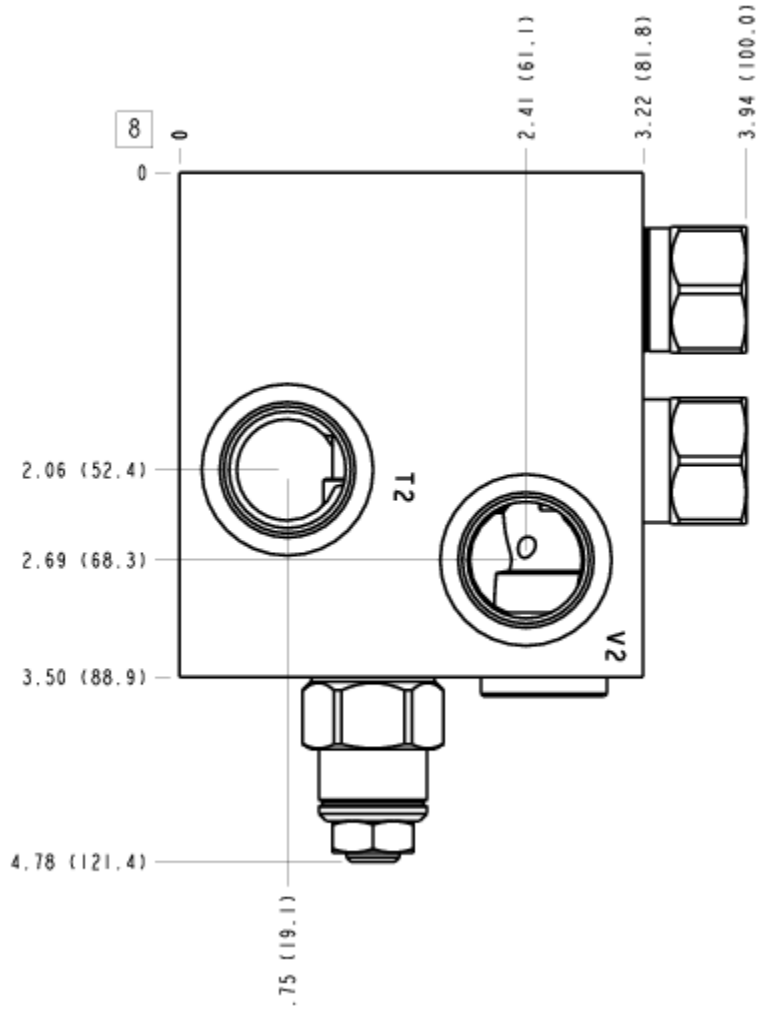
FACE 6



FACE 7



FACE 8



FACE 10

