

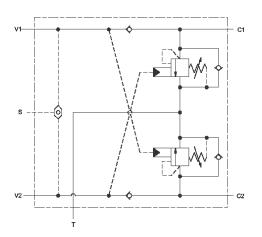
MODEL YCCH

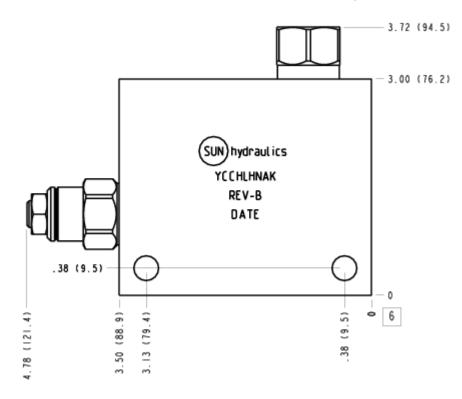
Dual cushion lock assembly with shuttle

**CAPACITY: 15 gpm** 



sunhydraulics.com/model/YCCH





This valve assembly provides overrunning load-control, load-port relief protection, supplies make-up oil, and flushes hot dirty oil out of the actuator and includes a load sense shuttle for brake release. 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              | Line mount |
|------------------------|------------|
| Mounting Hole Diameter | .34 in.    |
| Mounting Hole Depth    | Through    |
| Mounting Hole Quantity | 2          |

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.

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**CONFIGURATION OPTIONS** 

Model Code Example: YCCHLHNAK

(H) SEAL MATERIAL CONTROL (L) FUNCTIONAL SETTING RANGE (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 |  |
|---|--------------------------------|--|--|--------|--|
| С | Tamper Resistant - Factory Set |  | V  | Viton  |  |
|   |                                | Α  | 1000 - 4000 psi w/4 psi Check (70 - 280 bar<br>w/ 0,3 bar Check), 3000 psi (210 bar)<br>Standard Setting |        |  |
|   | В                              | 400 - 1500 psi w/4 psi Check (28 - 105 bar w/<br>0,3 bar Check), 1000 psi (70 bar) Standard<br>Setting |  |        |  |

400 - 1500 psi w/25 psi Check (28 - 105 bar w/ 1,7 bar Check), 1000 psi (70 bar) Standard

(A) PRIMARY CARTRIDGE

| Α | 3:1 (with CBCA primary cartridge, 3:1 pilot ratio, standard capacity counterbalance valve)                     |
|---|--|
| Н | 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) |
| Α | 3:1 (with CBCAX primary cartridge, Fixed setting, 3:1 pilot ratio, standard capacity counterbalance valve)     |
| Н | 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 |
|--------------|---------------------|----------|
| 260-010*     | Seat                | 1        |
| 340-002*     | Pipe Plug           | 1        |
| 800-001-070* | Ball                | 1        |
| CBCALHN      | Cartridge - Primary | 2        |
| CXCDXCN      | Cartridge           | 2        |

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