



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.

**CONFIGURATION OPTIONS**

Model Code Example: **YCCHLHNAK**

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

**PRIMARY CARTRIDGE**

(A)

|          |  |
|----------|--|
| <b>A</b> | 3:1 (with CBCA primary cartridge, 3:1 pilot ratio, standard capacity counterbalance valve)                     |
| <b>H</b> | 10:1 (with CBCHX primary cartridge, Fixed setting, 10:1 pilot ratio, standard capacity counterbalance valve)   |
| <b>G</b> | 4.5:1 (with CBCGX primary cartridge, Fixed setting, 4.5:1 pilot ratio, standard capacity counterbalance valve) |
| <b>A</b> | 3:1 (with CBCAX primary cartridge, Fixed setting, 3:1 pilot ratio, standard capacity counterbalance valve)     |
| <b>H</b> | 10:1 (with CBCH primary cartridge, 10:1 pilot ratio, standard capacity counterbalance valve)                   |
| <b>G</b> | 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        |