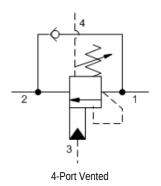
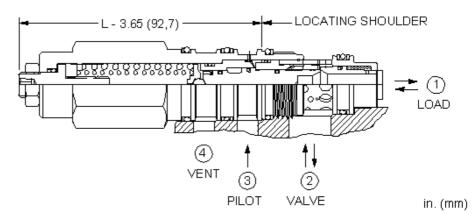


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Vented, load reactive load control valves with pilot assist combine two valves; a check valve and a relief valve. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilotassisted relief valve controls flow from port 1 to port 2. Pilot assist at port 3 lowers the effective setting of the relief valve at a rate determined by the pilot ratio. Backpressure at port 2 does not affect the valve setting because the spring chamber references the vent (port 4).

TECHNICAL DATA

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

| Pilot Ratio | 3:1 |
|---|-------------------------|
| Maximum Recommended Load Pressure at Maximum Setting | 260 bar |
| Maximum Setting | 350 bar |
| Factory Pressure Settings Established at | 30 cc/min. |
| Maximum Valve Leakage at Reseat | 0,3 cc/min. |
| Check Cracking Pressure | 1,7 bar |
| Adjustment - No. of CCW Turns from Min. to Max. Setting | 9 |
| Reseat | >85% of setting |
| Locknut Hex Size | 15 mm |
| Locknut Torque | 9 - 10 Nm |
| Seal kit - Cartridge | Buna: 990022007 |
| Seal kit - Cartridge | Polyurethane: 990022002 |
| Seal kit - Cartridge | Viton: 990022006 |

CONFIGURATION OPTIONS

Model Code Example: MWEALHN

CONTROL (L) FUNCTIONAL SETTING RANGE

(H) SEAL MATERIAL

(N) MATERIAL/COATING

C Tamper Resistant - Factory Set

H 1000 - 4000 psi (70 - 280 bar), 3000 psi (210 bar) Standard Setting

V Viton

IAP Stainless Steel, Passivated

J 2000 - 5000 psi (140 - 350 bar), 3000

psi (210 bar) Standard Setting