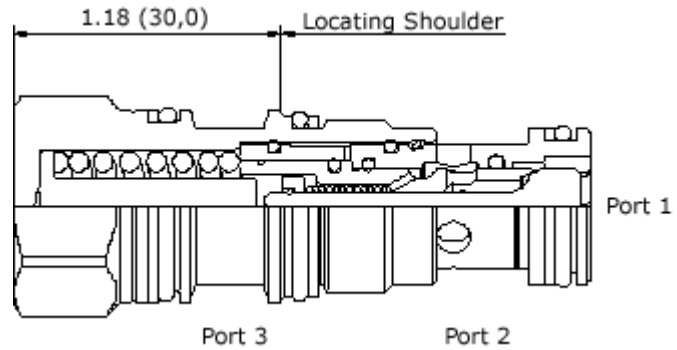


3-Port Non-vented, Fixed Setting



Fixed-setting, 3-port counterbalance valves with pilot-assist function similarly to the adjustable versions except the fixed setting is pre-set to a nominal value. These fixed-setting valves are meant to control an overrunning load. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilot-assisted 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. Other names for this valve include motion control valve and over-center valve.

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

Pilot Ratio	4.5:1
Maximum Recommended Load Pressure	See Technical Features
Check Cracking Pressure	25 psi
Factory Pressure Settings Established at	2 in <sup>2</sup> /min.
Maximum Valve Leakage at Reseat	5 drops/min.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

**CONFIGURATION OPTIONS**

Model Code Example: **CBAGXMN**

**FIXED PRESSURE RANGE**

**(M) SEAL MATERIAL**

**(N) MATERIAL/COATING**

<b>M</b>	4700 - 5600 psi (325 - 390 bar)
<b>V</b>	3200 - 3800 psi (220 - 260 bar)
<b>X</b>	3500 - 4200 psi (245 - 290 bar)
<b>Z</b>	4125 - 4900 psi (285 - 340 bar)

<b>N</b>	Buna-N
<b>V</b>	Viton

<b>Standard Material/Coating</b>
<b>/LH</b> Mild Steel, Zinc-Nickel