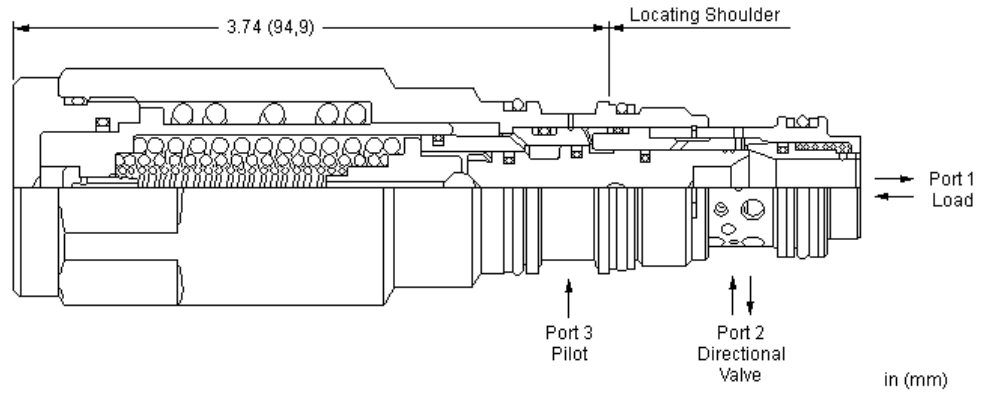


3-Port Non-vented, Fixed Setting



These valves are self-setting counterbalance valves which combine multiple functions in one package; reverse free flow, load, and thermal relief. The check allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting pilot function self adjusts to approximately 1.3 times the load induced pressure up to the thermal relief setting.

TECHNICAL DATA

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

| | |
|--|-------------------------|
| Factory Pressure Settings Established at | 30 cc/min. |
| Maximum Operating Pressure | 350 bar |
| Maximum Valve Leakage at Reseat | 0,3 cc/min. |
| Check Cracking Pressure | 1,7 bar |
| Reseat | >85% of setting |
| Seal kit - Cartridge | Buna: 990202007 |
| Seal kit - Cartridge | Polyurethane: 990002002 |
| Seal kit - Cartridge | Viton: 990202006 |

NOTES Patents are pending for this product.

CONFIGURATION OPTIONS

Model Code Example: MBEPDHN

| CONTROL | (D) FACTORY SET | (H) SEAL MATERIAL | (N) |
|---------------------|---|-----------------------------------|-----|
| D LoadMatch™ | H 4000 psi (280 bar) G 6000 psi (420 bar) J 5000 psi (350 bar) | N Buna-N V Viton | |