

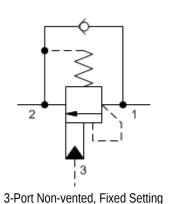


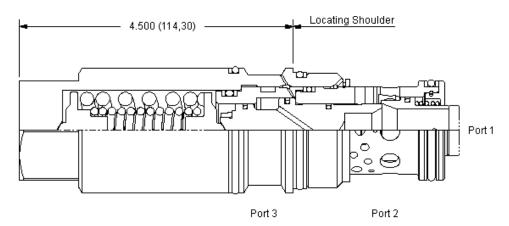
Fixed setting, 1.5:1 pilot ratio, load reactive, load control valve

CAPACITY: 120 gpm / CAVITY: T-19A



sunhydraulics.com/model/MBIBX





Fixed setting, 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, 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.

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

| Maximum Operating Pressure | 5000 psi |
|--|---------------------------|
| Maximum Operating Fressure | 3000 psi |
| Pilot Ratio | 1.5:1 |
| Maximum Recommended Load Pressure | See Technical Features |
| Check Cracking Pressure | 25 psi |
| Factory Pressure Settings Established at | 2 in³/min. |
| Maximum Valve Leakage at Reseat | 5 drops/min. |
| Reseat | ≥77% of setting |
| Seal kit - Cartridge | Buna: 990-019-007 |
| Seal kit - Cartridge | Polyurethane: 990-019-002 |
| Seal kit - Cartridge | Viton: 990-019-006 |

CONFIGURATION OPTIONS

Model Code Example: MBIBXLN

FACTORY SET (L) SEAL MATERIAL (N)

L 4000 psi (280 bar)

N Buna-N

K 3000 psi (210 bar)

V Viton

M 5000 psi (350 bar)

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