



This FLeX Series solenoid-operated, 2-stage, balanced relief cartridge is a pressure regulating valve.

The valve is normally in relief mode. In relief mode, the valve is open to tank (port 2), throttling flow to regulate the pressure when the pressure at the inlet (port 1) reaches the valve setting. The setting is adjustable with an adjust screw.

Energizing the solenoid blocks pilot flow. The valve blocks the flow path from inlet (port 1) to tank (port 2) similar to a spool-type directional valve.

TECHNICAL DATA

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

| | |
|--|-------------------------|
| Factory Pressure Settings Established at | 15 L/min. |
| Maximum Operating Pressure | 350 bar |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 80 cc/min.@210 bar |
| Response Time - Typical | 50 ms |
| Adjustment - No. of CW Turns from Min. to Max. setting | 3.0 |
| Locknut Hex Size | 11,1 mm |
| Locknut Torque | 5 - 6 Nm |
| Seal kit - Cartridge | Buna: 990010007 |
| Seal kit - Cartridge | Polyurethane: 990010002 |
| Seal kit - Cartridge | Viton: 990010006 |

CONFIGURATION OPTIONS

Model Code Example: RVCMLJN

| CONTROL | (L) ADJUSTMENT RANGE | (J) SEAL MATERIAL | (N) COIL * |
|-----------------------------|---|---------------------|------------|
| L Standard Screw Adjustment | J 300 - 5000 psi (20 - 350 bar), 1000 psi (70 bar) Standard Setting | N Buna-N V Viton | No coil |

* Additional coil options are available