



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 opens the main chamber to tank and the valve becomes vented. The pressure drop from the inlet (port 1) to tank (port 2) is typically 100 psi (see performance curves).

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.@140 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: RVCLLJN

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