



4.9

35R10-26 TYPE

Relief, Pilot-Operated Spool

Max. pressure (bar / psi)	240/3500
Peak flow (L/min / gpm)	113.6 / 30

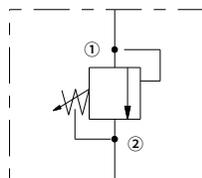
Features

- Adjustments cannot be backed out of the valve
- Optional spring ranges to 240 bar (3500 psi)
- Fast, smooth response to pressure surges
- Industry common cavity
- Hardened poppet and cage for long life

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Symbol



Technical Data

Max. pressure	240 bar (3500 psi)
Peak flow	113.6 L/min (30 gpm)
Internal leakage	≤ 115 ml/min @ 85% of nominal setting
Crack pressure defined	bar (psi) evident at 7.6 L/min attained
Reseat pressure	Nominal 90% of crack pressure
Standard spring ranges	See the table "Spring Model Code"
Cavity	VC10-2 (See technical reference)
Fluid	Mineral-based or synthetics with lubricating properties
Viscosity range	7.4 to 420 mm ² /s
Temperature range	-40 to 100 °C (Buna N seals)
	-54 to 107 °C (Polyurethane seals)
	-26 to 204 °C (Fluorocarbon seals)
Degree of fluid contamination	The minimum pollution level is ISO4406 level 18/16/13, and level 15/13/11 is recommended to prolong the service life

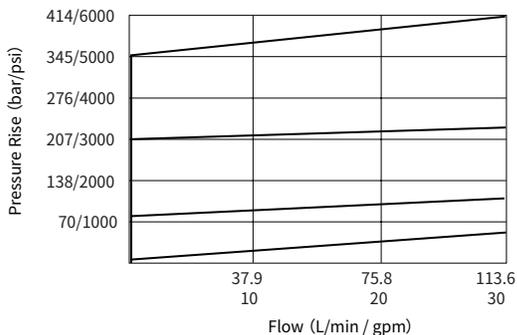
Spring Model Code	Nominal Factory Rating
4	6.9-27.6 bar (100-400 psi)
15	10.3-103.4 bar (150-1500 psi)
30	27.6-206.9 bar (400-3000 psi)

* Due to manufacturing tolerances, it may be possible to adjust the valve either lower or higher than the nominal ratings shown below.

Performance (Cartridge Only)

Flow Characteristic ① to ②

32cSt/150 sus oil at 40°C



Dimensions

