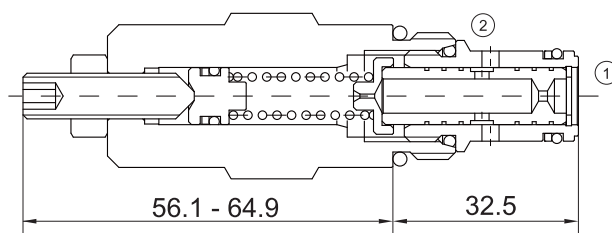


EVCF-RA10

FLOW CONTROL VALVE (PRESSURE-COMPENSATED TYPE)



Technical Specifications

Operating Pressure :	240Bar
Flow :	3-26L/min
Flow Maintenance Accuracy :	$\pm 15\%$
Operating temperature :	-30°C to+ 120°C (- 22°F to+ 250°F)
Cavity :	VC10-2
Fluids:	Mineral based or synthetic hydraulic fluid with lubricating properties
Fluid viscosity range :	7.4 to 420cSt.

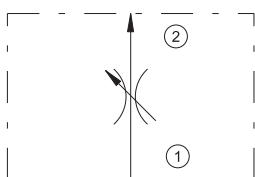
Features

- Hardened seat for long life
- Compact size
- Industry common cavity
- Desired settings may be locked down.

Operation

The valve maintains a constant flow within specified accuracies from ① to ② regardless of downstream load pressure. When flow produces a minimum predetermined pressure differential across the compensator spool control orifice, the spool shifts against the spring force to throttle the flow and maintain the flow setting. Reverse flow is not regulated.

Symbol



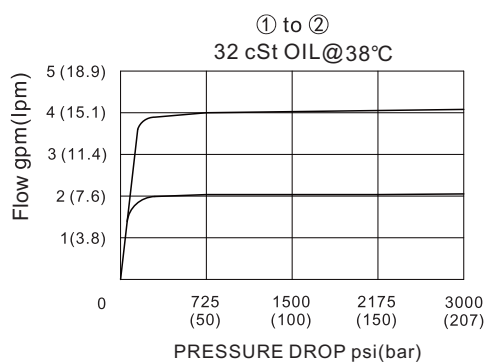
Order Codes

Example	Base Model		Flow Setting		Seals	
	EVC	F	RA	10	Table 1	Table 2
	EVC	F	RA	10	M16	B

Table 1	
Code	Flow Setting
M4	3-10 L/min
M16	11-26 L/min

Table 2	
Code	Seals
B	NBR
V	FKM

Performance Curves



Installation Dimensions

