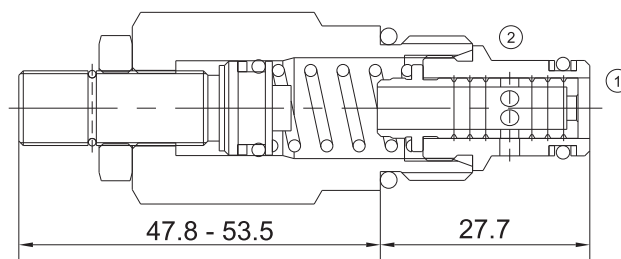


EVCF-RA08

FLOW CONTROL VALVE (PRESSURE-COMPENSATED TYPE)



Technical Specifications

| | |
|-----------------------------|--|
| Operating Pressure : | 240Bar |
| Flow : | 2-20L/min |
| Flow Maintenance Accuracy : | ±10% |
| Operating temperature : | -30°C to+ 120°C (- 22°F to+ 250°F) |
| Cavity : | VC08-2 |
| Fluids: | Mineral based or synthetic hydraulic fluid with lubricating properties |
| Fluid viscosity range : | 7.4 to 420cSt. |

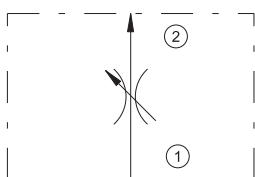
Features

- 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



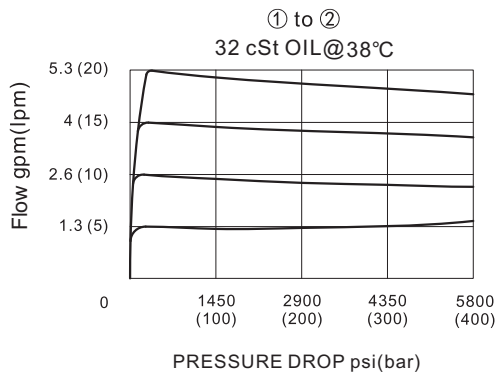
Order Codes

| Base Model | | Flow Setting | | Seals | |
|------------|------|--------------|------|---------|---------|
| Example | EVCF | - | RA08 | Table 1 | Table 2 |
| | EVCF | - | RA08 | | B |

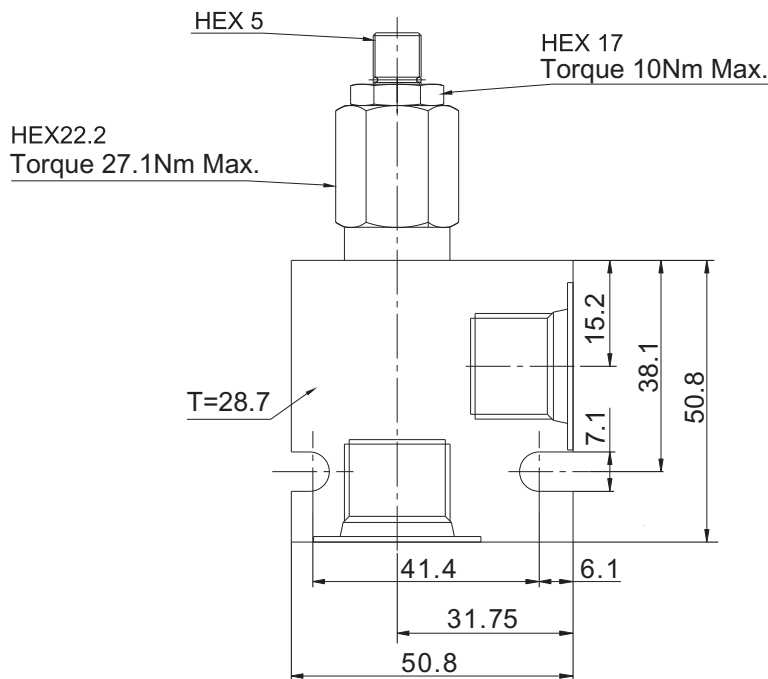
| Table 1 | |
|---------|---------------------------------------|
| Code | Flow Setting |
| Blank | Omit for Setting Standard(10L/min) |

| Table 2 | |
|---------|-------|
| Code | Seals |
| B | NBR |
| V | FKM |

Performance Curves



Installation Dimensions



Technical specification subject to change without prior notice. Other specification on request. 2025