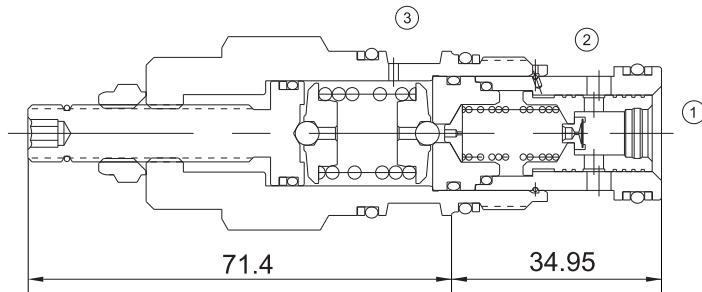


EVCP-PBFB

PRESSURE REDUCING VALVE



Technical Specifications

| | |
|-------------------------|--|
| Operating Pressure : | 350Bar |
| Flow : | 80L/min |
| Control Pilot Flow : | 0.16-0.25L/min |
| Operating temperature : | -30°C to + 120°C (-22°F to + 250°F) |
| Cavity : | T-2A |
| Fluids: | Mineral based or synthetic hydraulic fluid with lubricating properties |
| Fluid viscosity range : | 7.4 to 420cSt. |

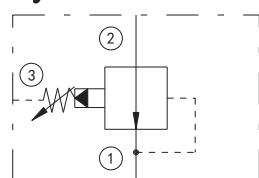
Features

- Full reverse flow from reduced pressure (port 1) to inlet (port 2) may cause the main spool to close. If reverse free flow is required in the circuit, consider adding a separate check valve to the circuit.
- Pilot operated Valve exhibit exceptionally flat pressure/flow characteristics, are very stable and have low hysteresis.

Operation

Pilot-operated, pressure reducing Valve reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, allowing circuits with multiple pressure requirements to be operated using a single pump.

Symbol



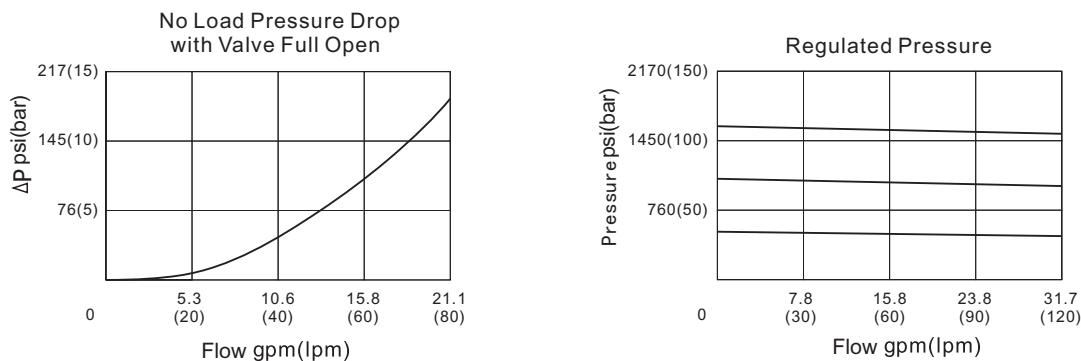
Order Codes

| Base Model | | | Pressure Range | Seals |
|------------|------|--------|----------------|---------|
| EVCP | - | PBFB-L | Table 1 | Table 2 |
| Example | EVCP | - | PBFB-L | A |

| Table 1 | |
|---------|-----------------------------|
| Code | Pressure Range |
| A | 7-210 bar; Preset: 14bar |
| B | 3.5-105 bar; Preset: 14bar |
| W | 10.5-315 bar; Preset: 14bar |
| N | 4-55 bar; Preset: 14bar |
| Q | 4-28 bar; Preset: 14bar |

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

Performance Curves



Installation Dimensions

