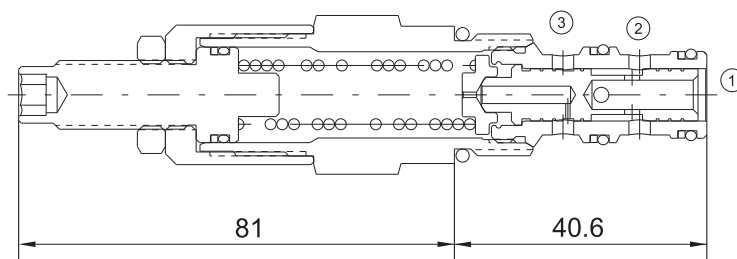


EVCP-DPR10

PRESSURE REDUCING /RELIEVING VALVE (DIRECT ACTING)



Technical Specifications

Operating Pressure :	207Bar
Flow :	30L/min
Internal leakage (②to③) :	82ml/min (Max to 80% of nominal setting)
Operating temperature :	-30°C to+ 120°C (- 22°F to+ 250°F)
Cavity :	VC10-3
Fluids:	Mineral based or synthetic hydraulic fluid with lubricating properties
Fluid viscosity range :	7.4 to 420cSt.

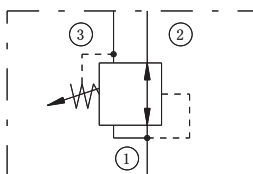
Features

- Hardened seat for long life
- Compact size
- Industry common cavity
- Low leakage design
- Fast closing and seating

Operation

On attainment of a pre-determined pressure at port ①, the cartridge shifts to block flow at port ② , thereby regulating pressure at port ①. In this mode, the valve will also relieve port 1 to port ③ at a variable value over the set reducing pressure.

Symbol



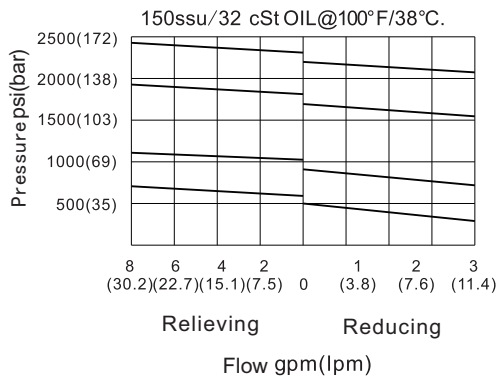
Order Codes

Base Model				Pressure Range	Seals
Example	EVCP	-	DPR	10	Table 1
	EVCP	-	DPR	10	4

Table 1	
Code	Pressure Range
4	5.5-27.6 bar; Preset: 13.8bar
8	13.8-55.2 bar; Preset: 27.6bar
15	20.7-103 bar; Preset: 51.5bar
21	27.6-145 bar; Preset: 72.5bar

Table 2	
Code	Seals
B	NBR
V	FKM

Performance Curves



Installation Dimensions

