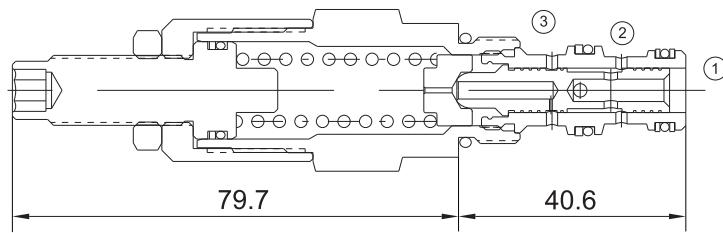


EVCP-DPR08

PRESSURE REDUCING /RELIEVING VALVE (DIRECT ACTING)



Technical Specifications

Operating Pressure :	207Bar
Flow :	11.4L/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 :	VC08-3
Fluids:	Mineral based or synthetic hydraulic fluid with lubricating properties
Fluid viscosity range :	7.4 to 420cSt.

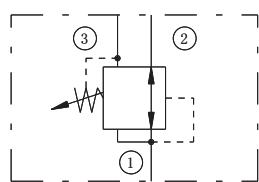
Features

- 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



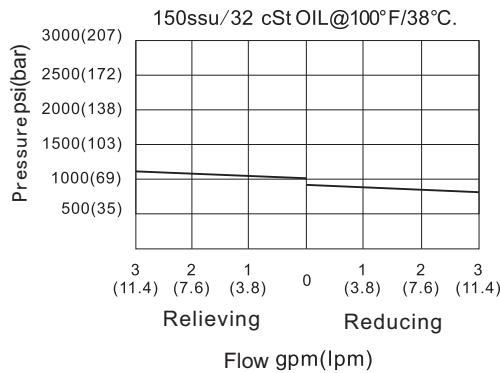
Order Codes

	Base Model		Pressure Range		Seals	
	EVCP	-	DPR	08	Table 1	Table 2
Example	EVCP	-	DPR	08	3	B

Table 1	
Code	Pressure Range
3	3.4-20.7 bar; Preset: 10.3bar
6	6.9-41.4 bar; Preset: 20.7bar
12	20.7-82.8 bar; Preset: 41.4bar
22	34.5-152 bar; Preset: 76bar

Table 2	
Code	Seals
B	NBR
V	FKM

Performance Curves



Installation Dimensions

