



Up to 240 bar - 38 lpm

**Operation**

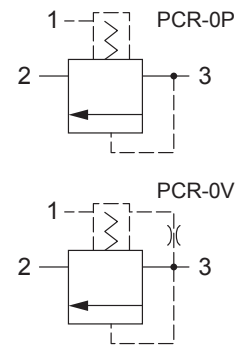
The D-DFPCR-0P with an orifice between ports (3) and (1) maintains a constant flow rate from (3) regardless of load pressure changes in the system upstream of (3), or in the bypass leg at (2) as long as pressure at (2) is less than (1).

The valve's spool maintains a constant differential pressure across an external orifice, thereby regulating the hydraulic flow rate from (3) to (2) (see options table for pressure ranges).

When used with an orifice as described above, as a priority type regulator, delivering pump flow first to (3), then bypassing excess to (2). All ports may be fully pressurised.

The D-DFPCR-0V with a dump valve and a pilot relief valve at (1) acts as main stage of a ventable relief valve.

**Symbol**



**Features**

- Hardened parts for long life.
- Industry common cavity.



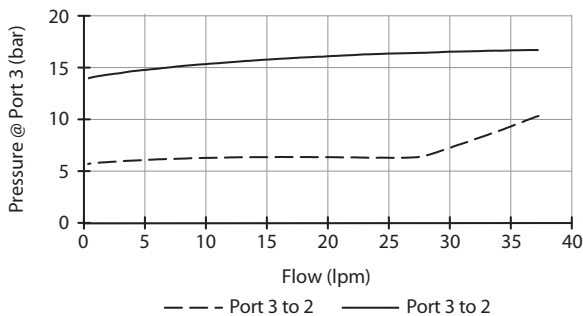
*Can be used as a logic element.*

*D-DFPCR-0P is commonly used as a bypass flow regulator (5.5 bar recommended).*

*D-DFPCR-0V is commonly used as the main stage of a ventable relief valve (2.8 and 5.5 bar recommended).*

**Performance**

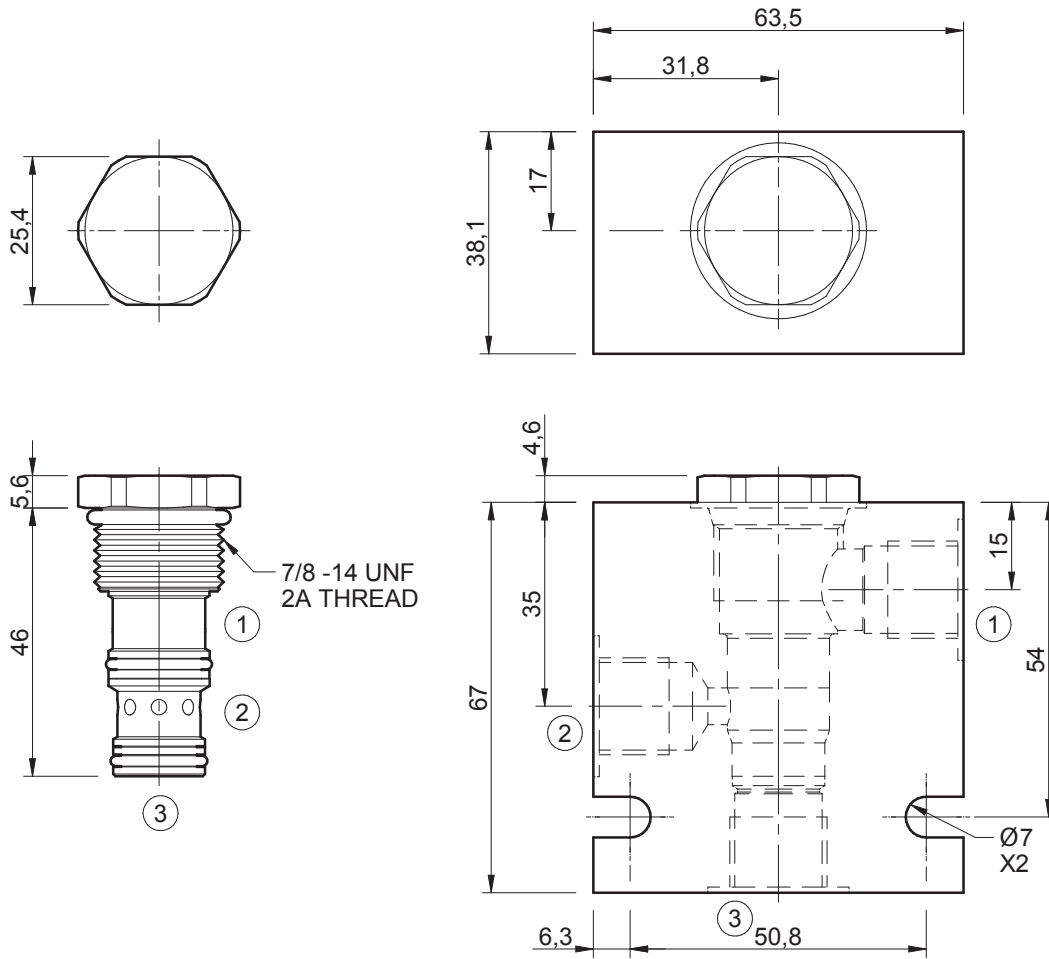
32 cSc / 38°C.



**Specifications**

Nom. Flow (lpm)	38
Max. Pressure (bar)	240
Hydraulic Oil	General purpose hydraulic fluid
Viscosity Range	3 to 640 cSt
Filtration	ISO 18/16/13
Operating Temp.	-40 to 120°C
Cartridge Torque	41 Nm
Cavity	DF10-3 (see cavity data page <b>CAV-DF10-3</b> )
Spare Seal Kit (Viton)	SK-DDFVHAA
Weight - Valve only	0.08 kg
Weight - Valve + Body	0.42 kg (alum) 1.11 kg (steel)

**Dimensions**  
[mm]



**Ordering Code**

**D-DFPCR**

