

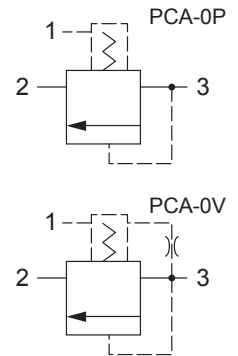


Up to 240 bar - 150 lpm

**Operation**

The D-TRPCA-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 across this external orifice (see options table for pressure ranges). When used with an orifice as described above, it functions as a priority type regulator, delivering pump flow first to the external orifice, then bypassing excess to (2). All ports may be fully pressurized. The D-TRPCA-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.

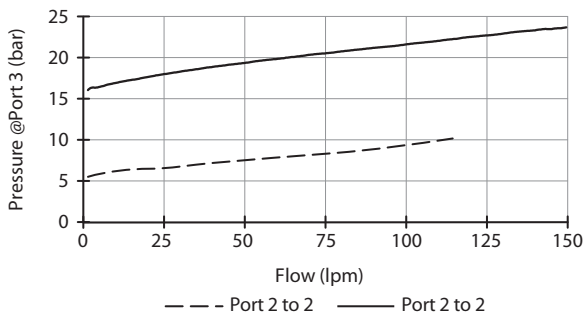


*Can be used as a logic element.*

*D-TRPCA-0P is commonly used as a bypass flow regulator (6 and 10 bar recommended).  
D-TRPCA-0V is commonly used as the main stage of a ventable relief valve (3.5 and 6 bar recommended).*

**Performance**

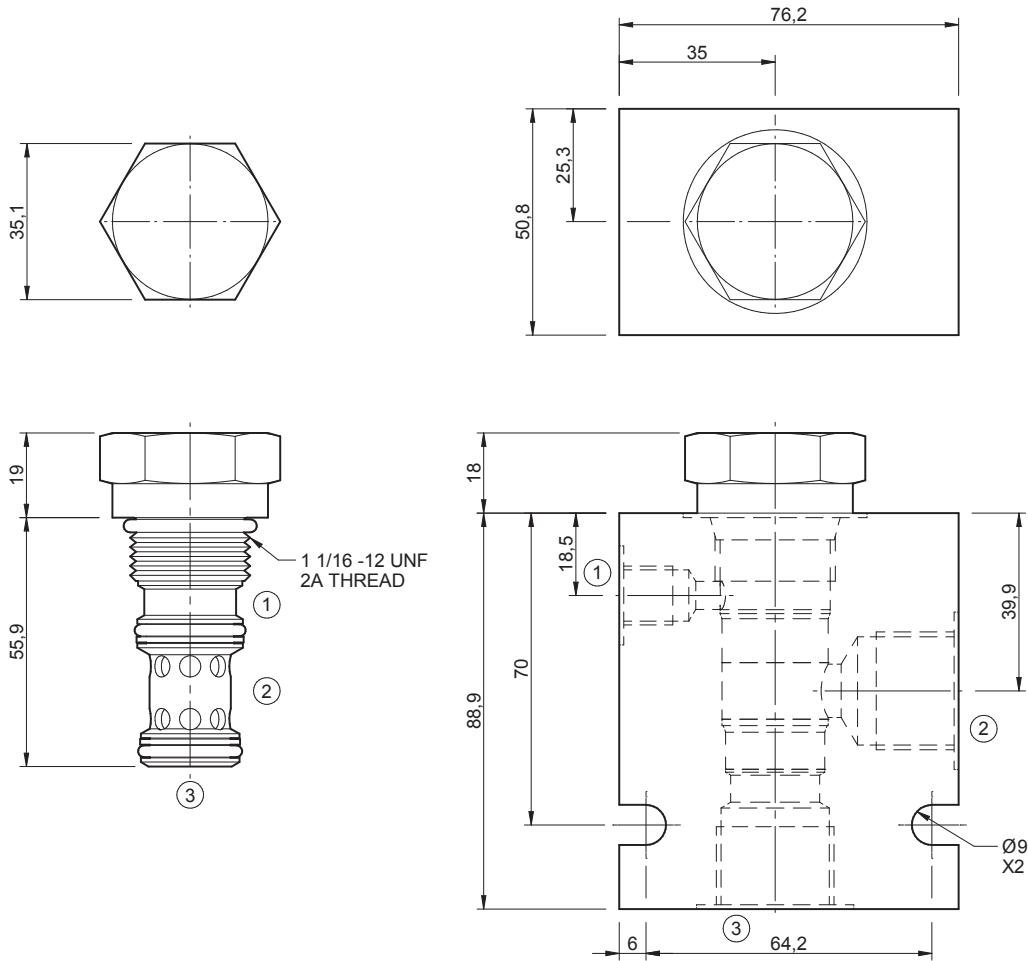
32 cSc / 38°C.



**Specifications**

Nom. Flow (lpm)	150
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	95 Nm
Cavity	TR12-3S (see cavity data page <b>CAV-TR12-3S</b> )
Spare Seal Kit (Viton)	SK-DTRVHAA
Weight - Valve only	0.24 kg
Weight - Valve + Body	1.00 kg (alum) 2.43 kg (steel)

**Dimensions**  
[mm]



**Ordering Code**

