

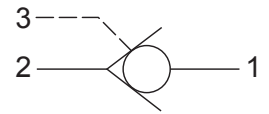
Up to 240 bar - 38 lpm

This is a pilot operated check valve typically used for blocking or load-holding hydraulic circuits.

Operation

The D-DFCPC allows free flow to pass from (2) to (1) and blocks flow from (1) to (2). When pilot pressure is applied to port (3) the valve allows free flow from (1) to (2).

The cartridge has a 2:1 pilot ratio, meaning that at least one half of the load pressure held at (1) is required at (3) to open the valve. The check is spring biased to assure holding in static or no-load conditions.

Symbol

Features

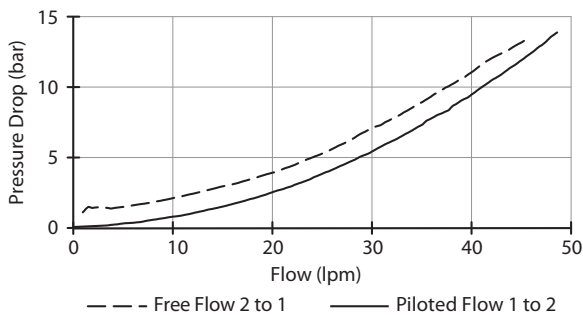
- Hardened parts for long life.
- Industry common cavity.



*Special higher bias spring values available. Consult factory.
For sealed pilot piston consult factory.*

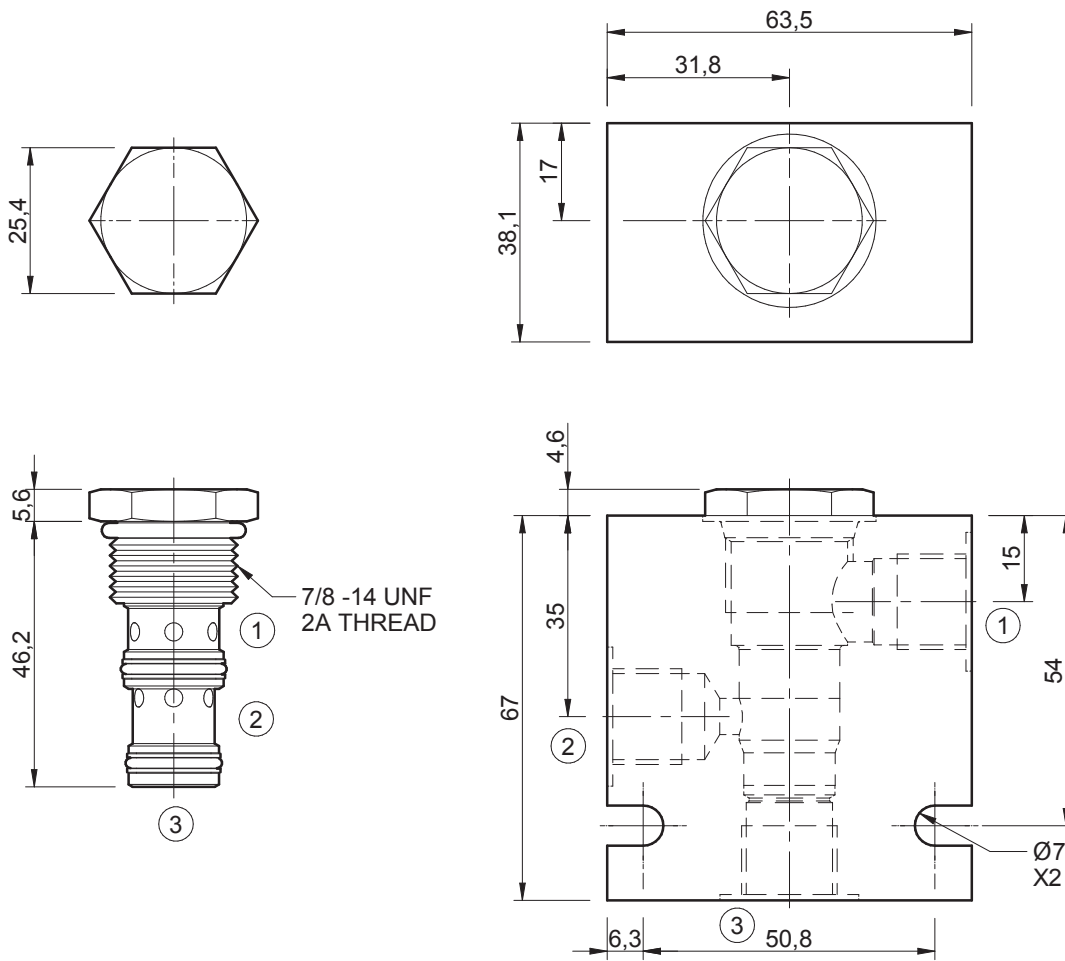
Performance

32 cSt / 38°C.


Specifications

Nom. Flow (lpm)	38
Max. Pressure (bar)	240
Pilot Ratio	2:1
Internal Leakage (32 cSt)	0 to 0.25 cc/min
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 CAV-DF10-3)
Spare Seal Kit (Viton)	SK-DDFVHDD
Weight - Valve only	0.08 kg
Weight - Valve + Body	0.44 kg (alum) 1.11 kg (steel)

Dimensions
[mm]



Ordering Code

