

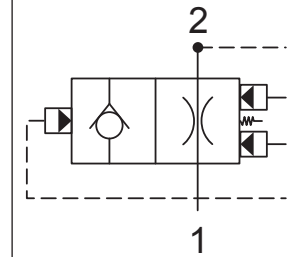
Up to 240 bar - 38 lpm

This velocity fuse (also known as flow fuse or hose burst valve) is designed to maintain actuator position in the event of a line breakage. As long as the valve setting has been selected to suit the operating system flow rate, in normal operation the valve will allow flow both ways to and from the actuator. In the event of a line breakage the valve will close extremely fast shutting off flow from the actuator. This valve should be mounted adjacent to the actuator.

Operation

The D-DECVF allows flow to pass from (1) to (2). When velocity exceeds the flow setting the valve shifts and blocks flow from (1) to (2). Valve acts like a fixed orifice when passing flow from (2) to (1).

Symbol



Features

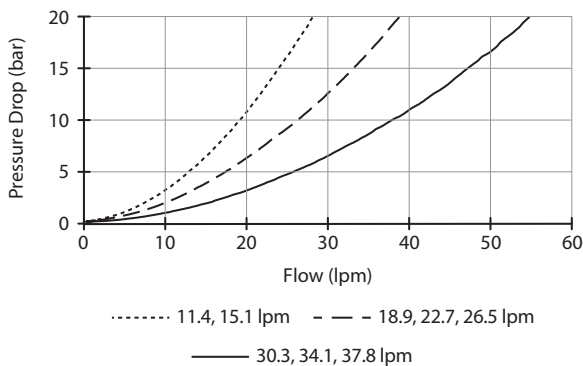
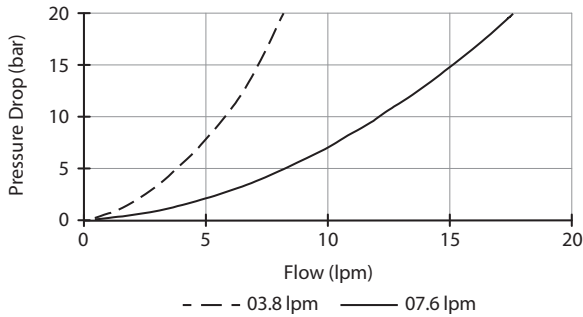
- Hardened parts for long life.
- Industry common cavity.



Curves identify pressure drop in port (2) to (1) direction (non-fuse). Fuse pressure drop is similar at fuse flow, until fuse takes effect (~5-7 bar).

Performance

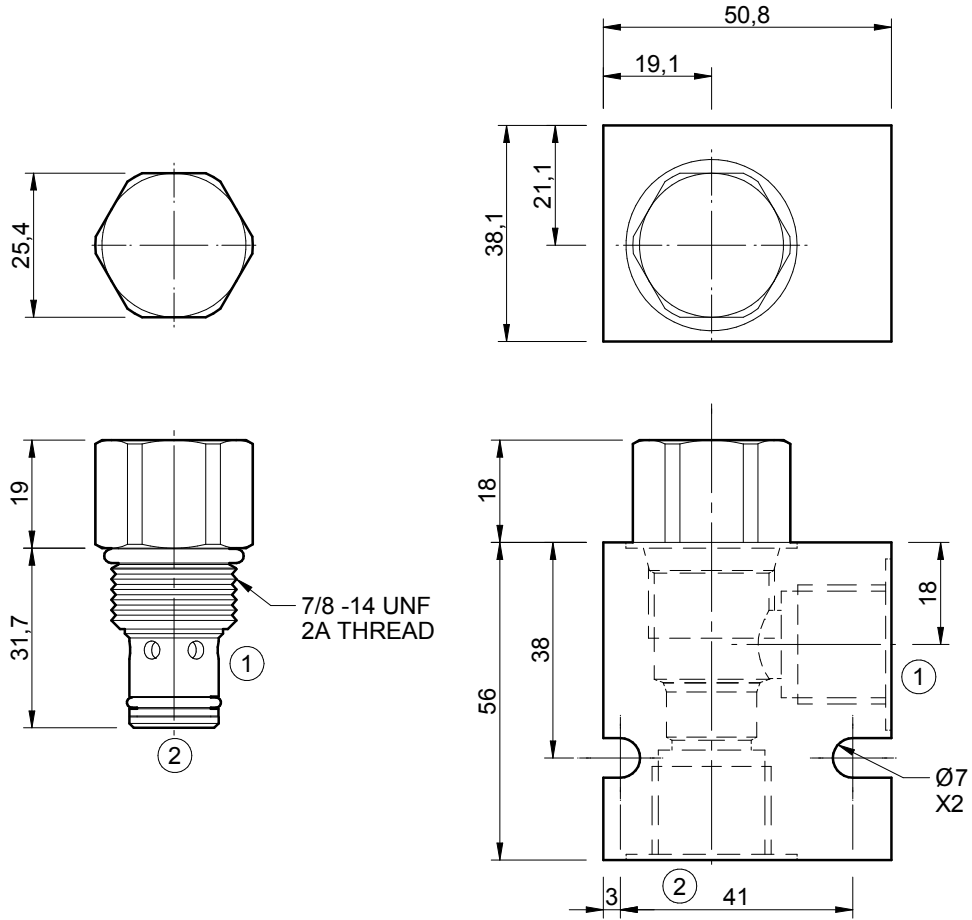
32 cSc / 38°C.



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	DE10-2 (see cavity data page CAV-DE10-2)
Spare Seal Kit (Viton)	SK-DDEVHA
Weight - Valve only	0.11 kg
Weight - Valve + Body	0.34 kg (alum) 0.76 kg (steel)

Dimensions
[mm]



Ordering Code

