



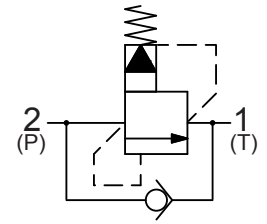
Up to 240 bar - 150 lpm

This is a pilot operated spool type relief valve, typically used to provide system relief protection. This valve also has a reverse free flow function (e.g. for anti-cavitation purposes). It is ideal for continuous duty and accurate stable pressure control with constant or varying flows.

**Operation**

The D-SJRVR blocks flow from (2) to (1) until sufficient pressure is present at (2) to force the pilot stage off its seat, allowing the main stage spool to shift, opening (2) to (1). The relief flow path is from (2) to (1). Reverse flow, from (1) to (2), occurs when the pressure at (1) is at least 2.1 bar higher than at port (2). The cartridge offers smooth transition in response to load changes in common hydraulic circuits.

**Symbol**



**Adjustment**

Turn to increase pressure.

**Features**

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

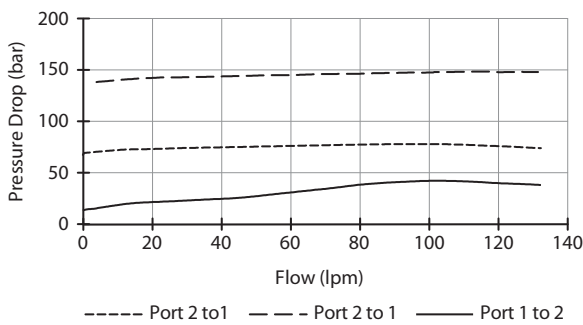


Consult Performance chart for flow capacity port 1 to 2

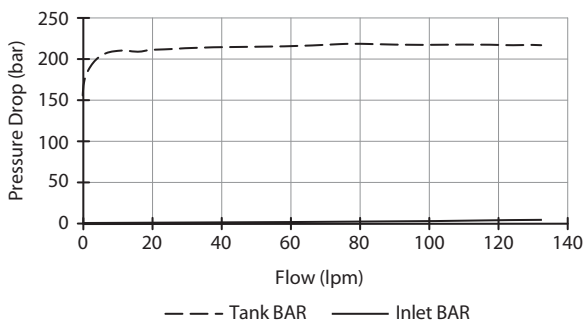
**Performance**

32 cSc / 38°C.

Standard Body



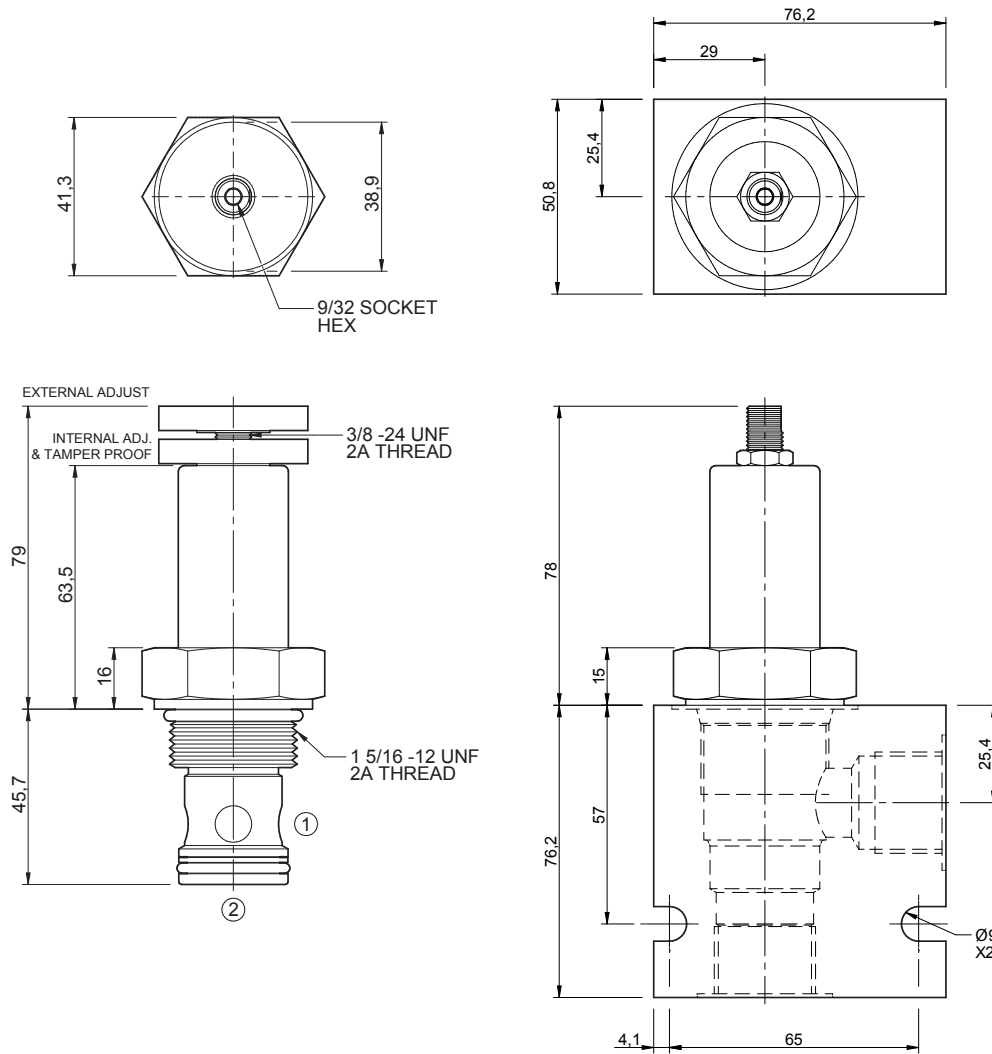
Standard Body



**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	122 Nm
Cavity	SJ16-2 (see cavity data page <b>CAV-SJ16-2</b> )
Spare Seal Kit (Viton)	SK-DSJVHA
Weight - Valve only	0.51 kg
Weight - Valve + Body	1.08 kg (alum) 2.14 kg (steel)

**Dimensions**  
[mm]



**Ordering Code**

