

RV5

Pressure Relief Valve

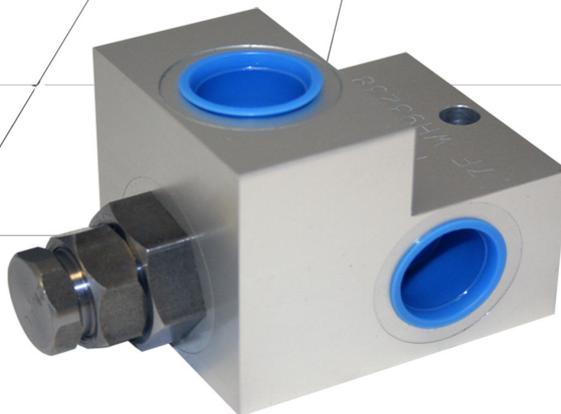
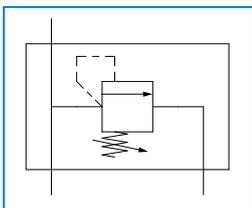
Pressure relief valves limit the maximum working pressure of a hydraulic system to a pre-determined rating thus providing protection against the overloading of system components.

Direct acting relief valves unload flow to tank when system pressure is enough to compress a spring which unseats a poppet. They provide high tolerance to contamination and are generally used for low flow rates where precise pressure control is not critical.

Specifications

Maximum Pressure:	Up to 276 bar, 4000 psi
Maximum Flow:	Up to 70 lpm, 18 US gpm
Porting:	3/4" BSPP
Material:	Body Materials: High Tensile Aluminium
	Internal Materials: Steel
	Cartidge: Steel
Weight:	0.73 kg, 1.6 lb
Mounting:	One 8.7mm x 40mm, 0.343" x 1.575" Mounting Hole

Symbol:



Make it **BLUE**®

Features

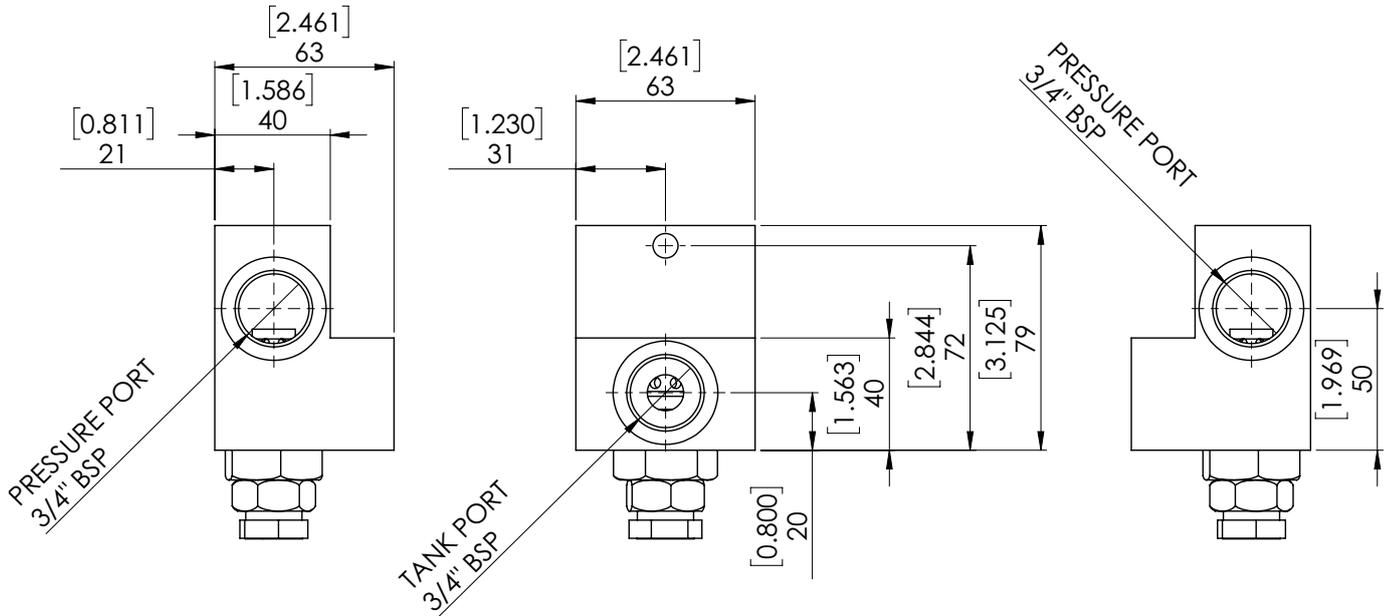
- Direct acting in-line relief valve giving high tolerance to contamination.
- Quick response provides protection against shock loads.
- Provides protection against thermal expansion of fluid.
- Flow through pressure ports enable the valve to be connected in-line with mounting versatility and convenience.

Ordering Codes

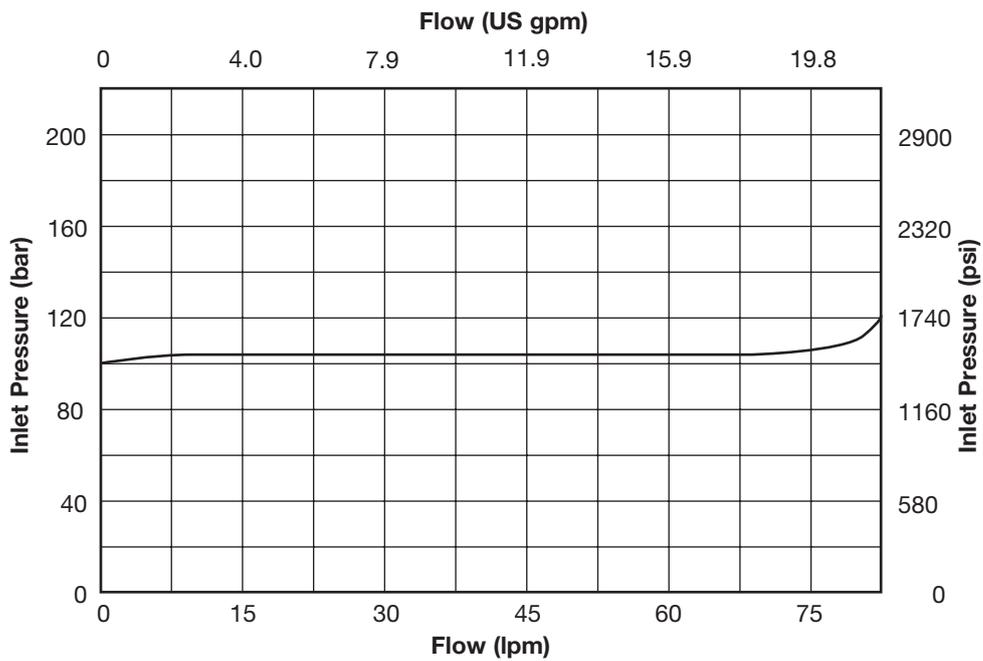
TYPICAL CODE	DESCRIPTION	YOUR CODE
RV5	Basic Valve - Valve Type	RV5
170	Pressure Setting in bar from 100 to 276 bar	

Note: When contacting sales please specify required pressure setting for valve.

Dimensional Photo: mm [Inches]



Typical Characteristics
(at one Pressure Setting)



Test Conditions: hydraulic mineral oil viscosity of 27.4 centistokes
49 °C , 120 °F.