

# RELIEF VALVES RVD6

Gas or Liquid

450 Bar Maximum
Inlet Pressure

~0.5 - 380 Bar Set
Pressure Range

-50°C to +140°C

Easy to adjust set
pressure

DN 6

Ø3.2mm Nominal Bore

Weight: 0.77Kg (Stainless Steel)

The versatile RVD6 Differential Pressure Relief Valve is compact, robust, and offers a wide range of set pressures.

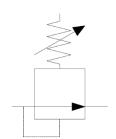
The seat and valve design ensure a smooth and controlled pressure relief and excellent re-seat.

The valve has been designed to be used with a wide range of gasses and liquids. Component parts are precision machined and include fine finishes where required to ensure excellent leak tight integrity even with the most searching of mediums.

#### **MATERIALS**

Body	See product selector
Stem (main valve)	1.4404 (316L Stainless Steel)
Seat	See product selector
Back-up rings	PTFE
O-rings	See product selector
Trim	A4 Stainless Steel

#### **VALVE SYMBOL**



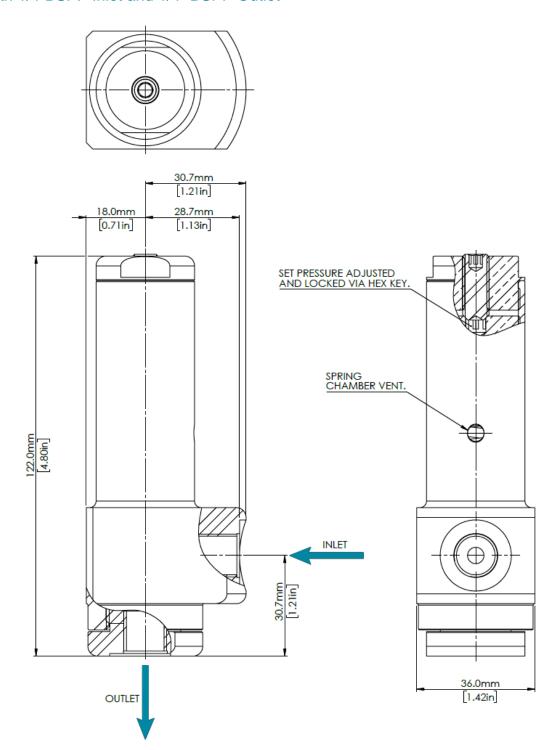


Product specification is subject to change without notice. Flow Products can assist the customer through the product selection process on a recommendation basis only, it is the user who must ensure the product is suitable for their application.



#### **DIMENSIONS AND INSTALLATION DETAIL**

Shown with 1/4"BSPP Inlet and 1/4" BSPP Outlet



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### Designed and Manufactured in the UK

## MODEL CODE CONFIGURATOR COMPLETE VALVES

Product Type -	Set Pressure Range -	Porting Size Inlet -	Porting Type Inlet -	Porting Size Outlet -	Porting Type Outlet -	Material -	Seal Material -	Seat Material -
RVD6 -	1 (10 – 40 Bar)	1 (1/4")	FB (BSPP Female)	1 (1/4")	FB (BSPP Female)	1 (Aluminium)	1 (EPDM) -50°C to +140°C	1 (Nylon)
	2 (30 – 200 Bar)	2 (3/8")	FN (NPT Female)	2 (3/8")	FN (NPT Female)	2 (Brass)	2 (FKM) -20°C to +140°C	2 (Peek)
	3 (190 – 380 Bar)					3 (Stainless Steel)	3 (NBR) -30°C to +100°C	3 (PTFE)
						4 (Aluminium Bronze)	4 (HNBR) -35°C to +140°C	

Example part number: RVD6 - 3 - 1 - FB - 1 - FB - 3 - 3 - 3

Other options available on request. Please contact Flow Products

#### **SERVICE KITS**

Product Type -	Set Pressure Range -	Seal Material -	Seat Material
RVD6 -	1 (10 – 40 Bar)	1 (EPDM)	1 (Nylon)
	2 (30 – 200 Bar)	2 (FKM)	2 (Peek)
	3 (190 – 380 Bar)	3 (NBR)	3 (PTFE)
		4 (HNBR)	

Example part number: RVD6 - 3 - 3 - 3

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