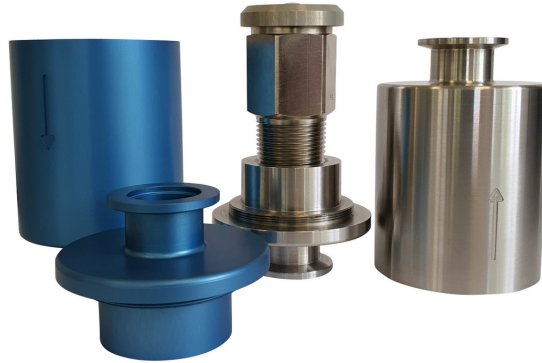


TAMO KF FLANGED RELIEF VALVE



VALVES AND FLOW CONTROL
SPECIALISTS



Tamo has worked with clients on vacuum and low pressure systems for many years and it was clear that a KF flanged Relief Valve with precise set points for both relief and reseal was required.

BENEFITS

This valve is suitable for gases like air and nitrogen as well as the more difficult gases like Helium.

It can be used for both normal gas applications and cryogenic boil-off gases. The aim was to base the valve around a well-proven valve design and enhance this with a simple solution for connecting with systems based on the KF Flange Joint.

CHARACTERISTICS

The standard valve has blue anodized aluminium housing with KF25 flanges, inside is a Brass Relief valve with Silicone Seals. The Aluminium body has a single Buna Seal for the body joint seal. This seal is on the downstream side of the valve so cannot act as a leak point to the atmosphere unless the valve is venting.

Set Pressure can be from 0.5psig to 7.0psig Tamo will factory set the pressure and issue a certificate with each valve. These valves have an accuracy of +/- 5% of set point and will reseal at around 90% of set point.

At the moment the inline version with KF25 flanges is the standard but a KF40 option can be offered. The main internals are Brass but again options for Stainless Steel and Aluminium are available.

APPLICATIONS

Main applications are for overpressure protection of vacuum vessels & systems, low-pressure gas systems and cryogenic boil off.

This is a range that is still under development so if you have an application you think this valve will meet but may need some modification please contact our sales office and we will endeavour to help you select the best option for your application.

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Part Number Build Format

1	2	3	4	5	6	7	8
RV	-	KF	-	-	-	-	-

Example: RV-2KF25-B-S-A-B-2.0

1 = RV Relief Valve

2 = Number of Flanges (1 = Vent to Atmosphere : 2 = Inline)

3 = Flange Size KF25 or KF40

4 = Relief Valve Internal Body Material (B = Brass : S = 316 St. Steel : A = Aluminium)

5 = Relief Valve Internal Seal Material

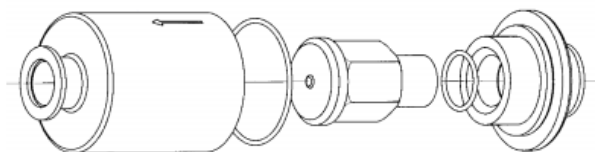
(S = Silicone : V = Viton : B = Buna : N = Neoprene : E = EPDM)

6 = Housing Material (A = Aluminium)

7 = Housing Seal Material (S = Silicone : V = Viton : B = Buna : N = Neoprene : E = EPDM)

8 = Set Pressure in PSIG. (0.5 to 7.0)

Exploded View of valve assembly



Section View of Valve

