

iPolymer | Pressure Relief Valve

Pressure Relief Valve

Pressure Relief Valve (PRV) is constructed with a 100% pure PTFE valve body and valve plug, and an FFKM (Kalrez Eq.) O-ring. It is fully adjustable within its standard 10 - 90 psi pressure range. Simply adjust the upper Socket Hex Adjustment Screw and lock it in place with the associated locking nut to your desired setting. Pressure Relief Valve is configured with three Upper Housing and Lower Base Options Polyvinylidene Fluoride (PVDF) or Polypropylene (PP).



Highlights

- All-wetted high-purity flow path
- Ideal for harsh chemicals
- Fully adjustable within an 80 psi selected range
- PTFE-coated spring is isolated from media
- Low range specifications available (3 - 25 psi)

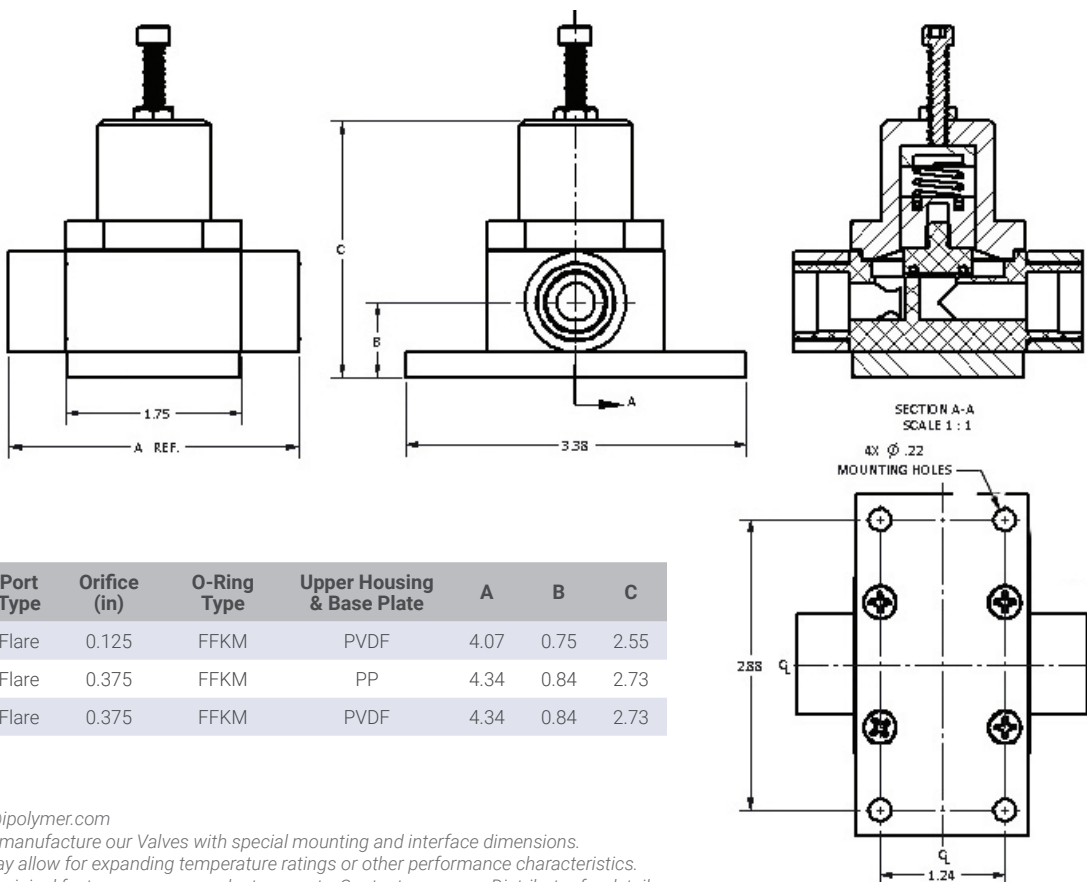
Applications

- Pump pressure relief
- Expansion container pressure relief
- Flow channel pressure relief
- Safety relief from water hammer
- System protection for individual low pressure component in circuit

Specifications

Ambient Temperature Range	
PVDF	0 - 100°C
PP	0 - 60°C
Media Temperature Range	
PVDF	0 - 100°C
PP	0 - 60°C

Contact us for custom needs.
Minimum quantities required.



Part	Port Size (in)	Port Type	Orifice (in)	O-Ring Type	Upper Housing & Base Plate	A	B	C
PRV-42FF-KA-PVDF	1/4	Flare	0.125	FFKM	PVDF	4.07	0.75	2.55
PRV-86FF-KA-PP	1/2	Flare	0.375	FFKM	PP	4.34	0.84	2.73
PRV-86FF-KA-PVDF	1/2	Flare	0.375	FFKM	PVDF	4.34	0.84	2.73

iPolymer Product Notes:

1. Please email Customer Service at info@ipolymer.com
2. Call us for special applications. We can manufacture our Valves with special mounting and interface dimensions.
3. Alternate materials are available that may allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly will void the original factory one-year product warranty. Contact us or your Distributor for details.