

Adjustable Relief Valve 6000 psi 1/4" MNPT Aluminum

SKU: 504

Price: 788.00



Description

Specifications

Type	Relief Valve
Adjustment Range	900-6000 psi ¹
Maximum Rated Pressure	6000 psi
Inlet Port Size	1/4" MNPT
Outlet Port Size	Side vent; not captured
Flow Capacity	50 SCFM at 1500 psi 100 SCFM at 3000 psi
Outlet Pressure Rating	Atmosphere
Leakage	Bubble tight
Weight	2.1 oz (60 g)
Overall Length	2.5"
Hex Diameter	0.87"
Minimum Temperature	-15°F (-26°C)
Body Material	Anodized Aluminum
Internal Materials	Brass Stainless
Seal Materials	Viton
Flow Coefficient (Cv)	0.094" orifice diameter
Special Note	Safety wire holes on device; no safety wire included.

Typical Applications

- Discharge and interstage reliefs on small high pressure compressors
- Reliefs on charging lines, regulators, and manifolds
- Hydraulic system and accumulator reliefs
- Many other safety relief valve applications

¹Although the 504 is rated for pressures up to 6000 psi, the manufacturer recommends the [1607](#) relief valve for customers wishing to use a set pressure above 5000 psi. The 504 and 1607 valves have the same form factor but a 1607 design modification allows for a higher set pressure without pushing the spring to its limits.