

DISTRIBUTION ACCESSORIES



9400 SERIES RELIEF VALVES

The 9400 Series Gas Phase Relief Valves offer excellent discharge capacity and field adjustability. The captive seat design minimizes the wetted surface area, reducing possible contamination. The unique design also provides an accurate cracking pressure with zero leakage up to 98% of the nominal set pressure. Models 2039 and 2040 are designed for cryogenic in-line application and offer a gooseneck design that enables a safe discharge.



Materials of Construction

Body

Brass

Seat

Viton® or Neoprene

Specifications

Max Relief Pressure

600 PSIG (40 BAR)

Working Pressure

3700 PSIG (255 BAR)

Temperature Range

Brass, Neoprene seat: -40 to 300° F (-30 to 205° C)

Brass, Viton seat: -20 to 400° F (-30 to 205° C)

Cryogenic: -320 to 165° F (-196 to 74° C)

Ordering Information

Part Number	Description	Connections	Material
830 9412-01-1	Preset at 220 PSIG (15 BAR)	1/2" MNPT x 1/2" FNPT	Viton Seat
830 9413-01-1	Preset at 500 PSIG (34 BAR)	1/2" MNPT x 1/2" FNPT	Viton Seat
830 9414-01-1	Preset at 100 PSIG (7 BAR)	1/4" MNPT x 1/4" FNPT	Neoprene Seat
830 9415-01-1	Preset at 20 PSIG (1.4 BAR)	1/2" MNPT x 1/2" FNPT	Neoprene Seat
580 2039	750 PSIG Cryogenic Relief	Male x Female CGA 440 (5/8" Flare)	Stainless steel gooseneck and fittings
580 2040	750 PSIG Cryogenic Relief	Male x Female CGA 295 (1/2" Flare)	Stainless steel gooseneck and fittings