

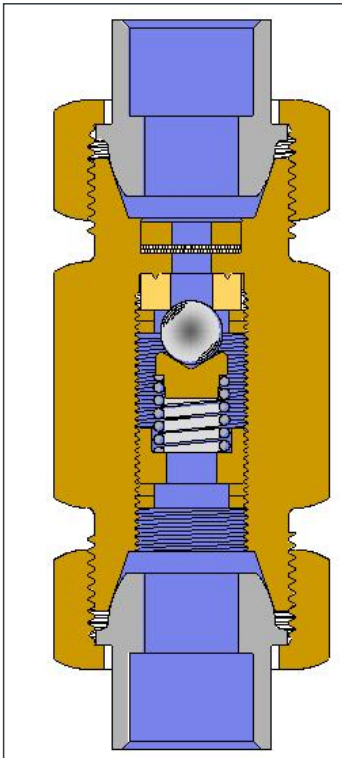


BLACKHALL

cryogenics



BRONZE FILTER RELIEF VALVE Series 2013



Features

Blackhall cryogenic valves incorporate many features of great advantage to the cryogenic industry

Technical Data

Size Range	:DN 15 (1/2")
Pressure Rating	:0 to 40 Bar
Body Test Pressure	:60 Bar
Seat Test Pressure	:90% of Relief Pressure
Temperature Range	:-196°C to +65°C
Fluids/Service	:O ₂ , Ar, N ₂ etc.

Options

- Total flexibility of material selection, to customer specification, i.e. all stainless steel trim and non wetted parts available.
- Various end connections available i.e. union ends and tail pieces, copper ferrules.

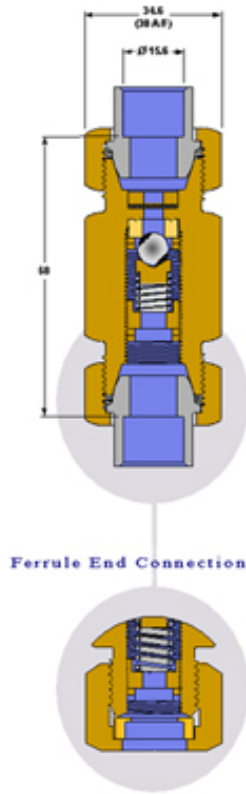


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Component	Material
Body	Bronze
Tailpiece	Stainless Steel
Union Nut	HT Brass
Soft Seat	P.T.F.E
Stopper	Bronze/H.T.Brass
Washer	Stainless Steel
Aerotight Nut	Stainless Steel
Bonnet Joint	P.T.F.E.
Bonnet	Bronze/H.T.Brass

SPRING TYPE	RELIEF PRESSURE
A	0-5 BAR
B	5-10 BAR
C	10-20 BAR
D	20-30 BAR
E	30-40 BAR

Technical Data

All valves are degreased to LOX service as standard and immediately bagged ready for despatch. All valves issued with Test Certification and Certificate of Conformity. DIN 50049 3.1.B. Certification on request.

Ordering Information

Spring Type	:0 to 40 Bar
End Connections	:Tail Piece, Copper Ferrule.
Optional Extras	:See front sheet

