

FULL FLOW DIVERTER VALVE

DIVERTER VALVE

0 - 600 PSIG



APPLICATION

- Dual Safety Relief Systems
- Stationary Cryogenic Tanks
- Manifolding
- Distribution Systems
- Process Systems
- Liquid and Gaseous Cryogenic Applications



OPERATING RANGES

Temperature -423° F to +400° F
Set Pressure to 600 PSIG



FEATURES

- Engineered for maximum safety and reliability
- Full Flow Manifold Ends
- Medical Level O² cleaning in conformance with CGA G-4.1
- 180° Operation
- Handle Indicates Flow Direction
- Low Maintenance
- Blow Out Proof Stem
- V-Ring Stem Packing
- All Stainless Externals



TECHNICAL DATA

Materials of Construction:

Body	Bronze B61
End Plate	Bronze B61
Ball	Bronze
Stem	316SS
Seats	MTFE
Body Seals	TFE
Stem Seals	CTFE
Steam Bearing	TFE
Bellville Wsh	17-7 SS
External Hardware	300 Series SS

Sizes:

Available in 3/4" F to 1" F

Applicable Codes:

- Designed and manufactured to meet:
- ANSI B31.3, B16.34

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DIMENSIONS & CHARACTERISTICS

HIGH FLOW DIVERTER VALVE Cv VALUES*

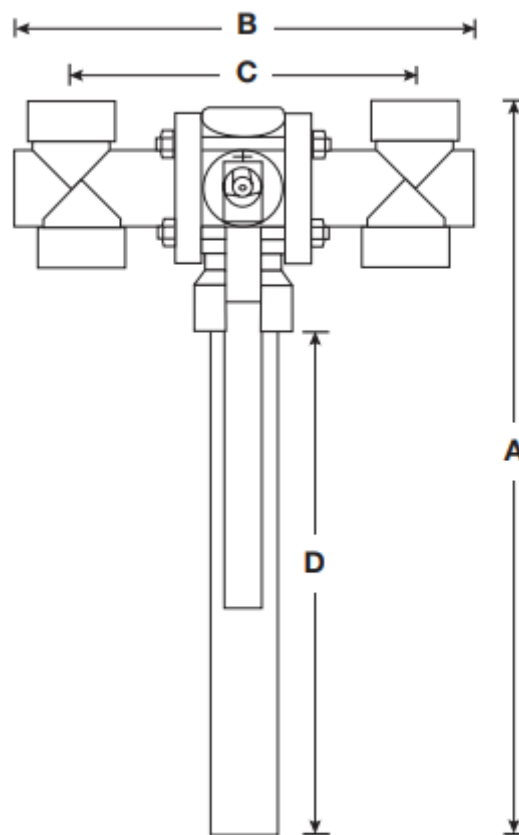
Sizes (inches)	Safety Relief Valve Outlet		Rupture Disc Outlet		Torque
	CV@ mid position (90°)	CV@ full open (180°)	CV@ mid position (90°)	CV@ full open (180°)	Max Value
3/4F	9.2	8.2	10.7	8.1	200 in. lbs.
1F	25.3	18.3	16.4	14.0	300 in. lbs.

* Flows may vary slightly due to outlet connection sizes

DIMENSIONS (inches)

Sizes	A	B	C	D
3/4F	13.00	9.38	7.25	7.25
1F	17.66	11.61	8.73	12.00

* Dimensions for reference only



HIGH FLOW DIVERTER VALVE Cv GRAPH

