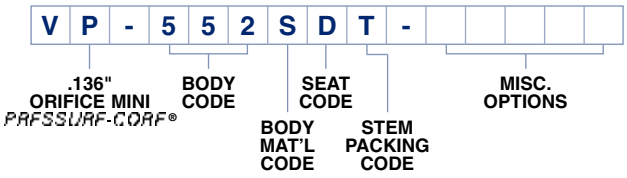
VP Mini and Cylinder Valves

ORIFICE
.136"

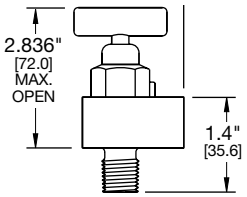


ORDERING INFORMATION

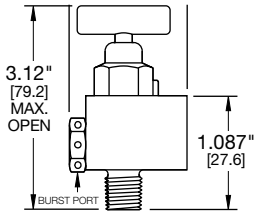
PART NO.	CONNECTIONS INLET	CONNECTIONS OUTLET	BODY & BONNET	SEAT & PACKING
Valve Only				
VP-552SDT	1/4" MNPT	1/4" FNPT Angle	316 SS	Delrin® Washer Seat
VP-554SDT	1/4" MNPT	1/4" MNPT Straight	316 SS	Delrin® Washer Seat
VP-556SDT	1/4" MNPT	1/4" FNPT Straight	316 SS	Delrin® Washer Seat
Cylinder Valves with Burst Disc Port (Less Burst Disc)				
VP-590SDT	1/4" MNPT	1/4" MNPT Straight	316 SS	Delrin® Washer Seat
VP-591SDT	1/4" MNPT	1/4" FNPT Straight	316 SS	Delrin® Washer Seat
VP-592SDT	1/4" MNPT	1/4" FNPT Angle	316 SS	Delrin® Washer Seat
Cylinder Valves with 1800 PSI Inconel Burst Disc				
VP-590SDT-18	1/4" MNPT	1/4" MNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal
VP-591SDT-18	1/4" MNPT	1/4" FNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal
VP-592SDT-18	1/4" MNPT	1/4" FNPT Angle	316 SS	Teflon® *Pressure-Core®* Stem Seal
Cylinder Valves (Right Hand Product End) with 1/4" Gauge Port 18 = 1800 PSI Inconel Burst Disc				
VP-306SDT	1/4" MNPT	1/4" FNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal
VP-306SDT-18 with Burst Disc	1/4" MNPT	1/4" FNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal
Cylinder Valves (Left Hand Product End) with 1/4" Gauge Port 18 = 1800 PSI Inconel Burst Disc				
VP-307SDT	1/4" MNPT	1/4" FNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal
VP-307SDT-18 with Burst Disc	1/4" MNPT	1/4" FNPT Straight	316 SS	Teflon® *Pressure-Core®* Stem Seal

OPTION CODE	DESCRIPTION	
Seat Material Options		Refer to Chart A on Page 22 and Pressure and Process Temperature Charts on Page 23.
K	Kel-F® Seat	
P	PEEK® Seat	
T	Teflon® Seat	
Miscellaneous Options		
HA	Extruded Aluminum Round Handle ("T" / Bar Handle is Standard)	
W1	316 SS Tag	
WK	Paper Tag	
XL	Clean for Critical Service (Oxygen or Chlorine)	

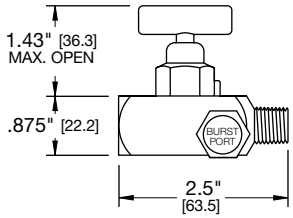
VP-552



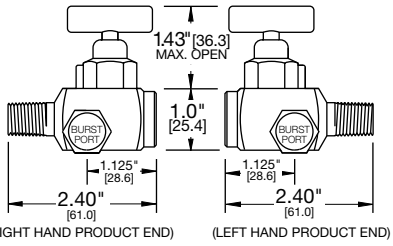
VP-592



VP-591



VP-306 **VP-307**



GAUGE PORT ON BACK SIDE

MATERIALS OF CONSTRUCTION

PART DESCRIPTION	316 SS
Body and Bonnet	ASTM A479-316 SS
Stem	ASTM A479-316 SS
Seal Retainer	ASTM A479-316 SS
Rupture Disc Plug	ASTM A479-316 SS
Handle Assembly	ASTM A581 18-8 300 SS

- 316 SS Valves Meet NACE MR-01-75 Requirements (Latest Revision)
- 100% Pressure Tested
- Delrin® soft seats are rated 6,000 PSI @ 200° F or 3,000 PSI@400°F and are compatible with H_2S / CO_2

MAX Cv RATINGS

ORIFICE SIZE	BODY STYLE Straight	BODY STYLE Angle
.136"	.22	.27
Approximate Valve Weight: .60 lbs [0.27 kg] each		