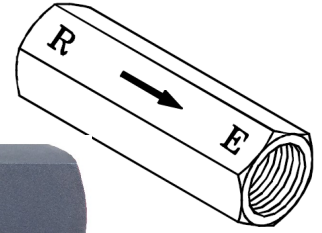


Features

- When the pressure drop (related to flow) exceeds the pre-set value the valve closes.
- Use to isolate a circuit in the event of a line break or preventing overflow in a circuit.
- An optional orifice can be selected to allow a minimum flow after the velocity fuse is set.
- Releasing the pressure upstream at port “E” allows the valve to reset/open.



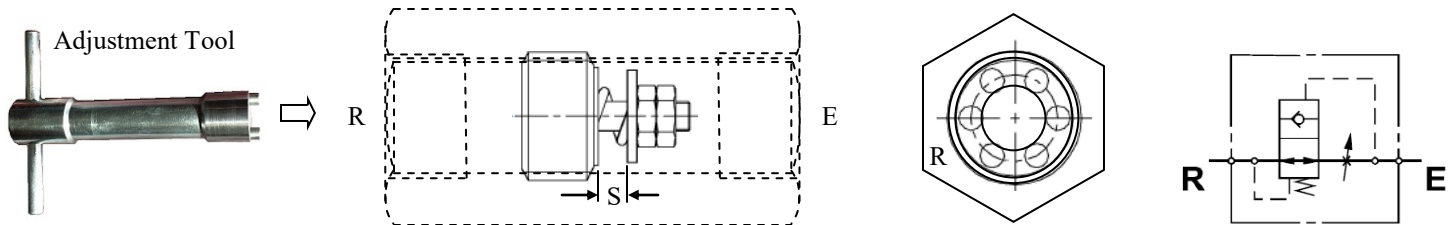
Ordering Details

V	Valve						
I	Inline connection						
V-	Velocity Fuse						
N.75-	Port Size	Nominal Thread Size	Code NPTF Pipe Thread	Orifice Size (mm)	Code	Orifice Size (mm)	Code
		1/4"	N.25	No Orifice	00	1.2	05
		3/8"	N.37	0.5	00	1.32	06
		1/2"	N.5	0.6	01	1.5	07
		3/4"	N.75	0.7	02	1.9	08
00-	Orifice Option:	1"	N1	0.8	03	2	09
1	Series:			1	04		

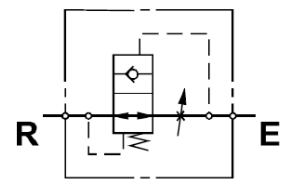
Example Part Number: VIV-N.75-00-1

Adjustment Tool and Specifications

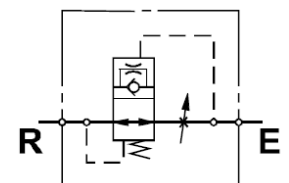
To change the flow setting of the velocity fuse valve, insert an adjustment tool into the velocity fuse “R” port and turn to adjust the gap “S” of the valve spring. When used as a line break fuse, adjust the “S” gap so the flow is at least 50% over the nominal flow.



Nominal Thread Size	1/4"	3/8"	1/2"	3/4"	1"
Max. Flow lpm (gpm)	25 (7)	50 (13)	80 (21)	150 (40)	220 (58)
Max. Pressure bar (psi)	350 (5075)	350 (5075)	350 (5075)	350 (5075)	350 (5075)
Weight kg (lbs.)	.12 (.26)	.15 (.33)	.23 (.51)	.36 (.79)	1.05 (2.31)
Fluid Recommendation	ISO VG32, 46, 68 (10-400mm ² /s, 59-1854 SSU)(-15-70°C, -5-158°F)				
Cleanliness	ISO4406 21/19/16 (NAS 1638,10)				
Toot Part Number	TVIV-N.25	TVIV-0.37	TVIV-0.5	TVIV-0.75	TVIV-1



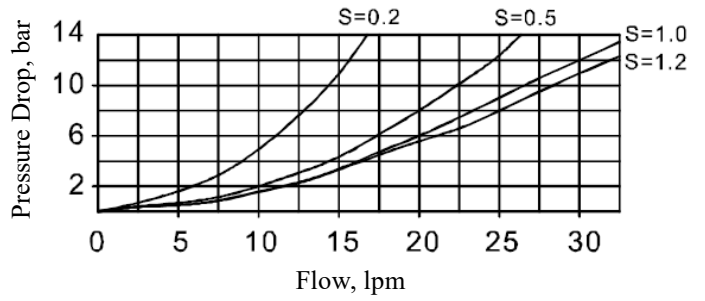
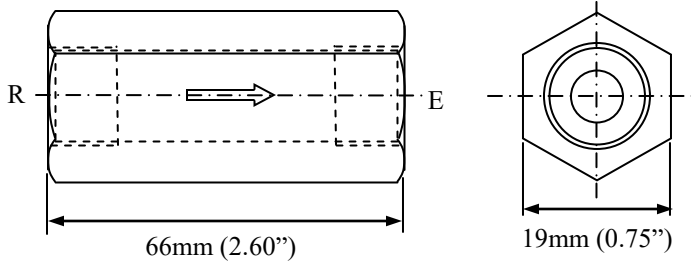
Velocity Fuse Circuit



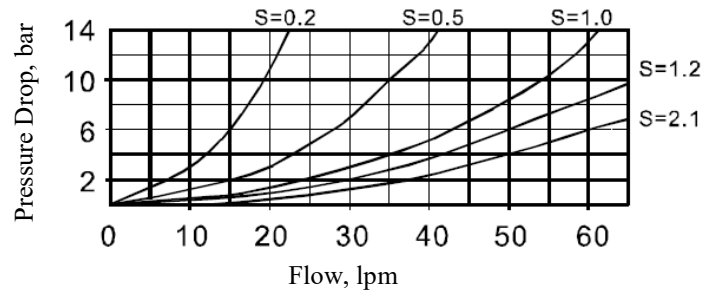
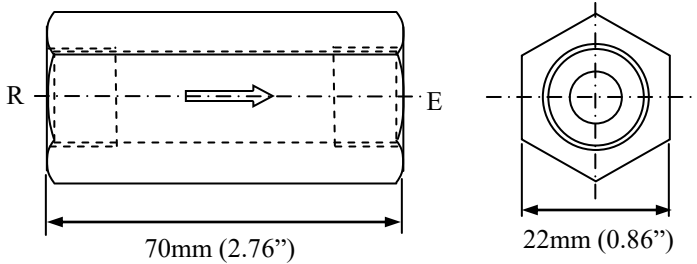
Velocity Fuse with Orifice

Dimensions and Pressure Drop

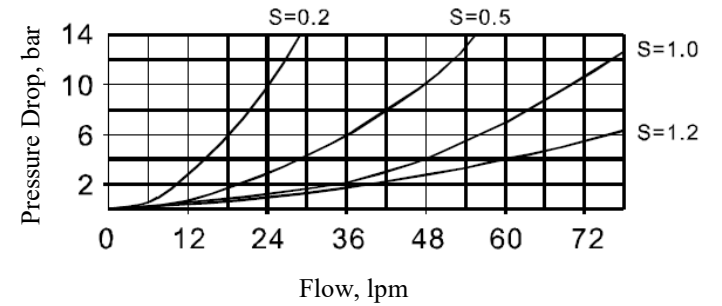
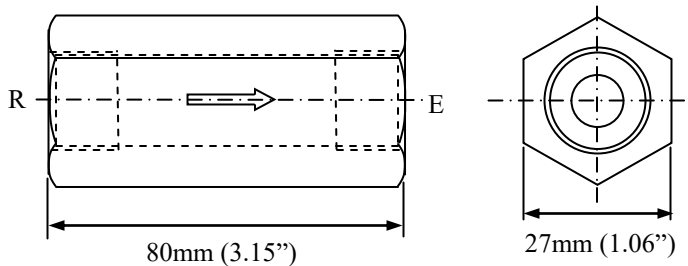
VIV-N.25-**-1



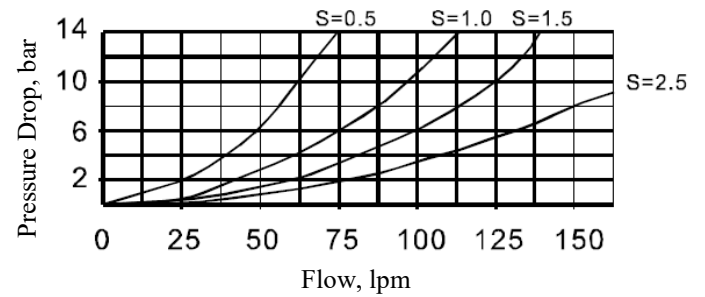
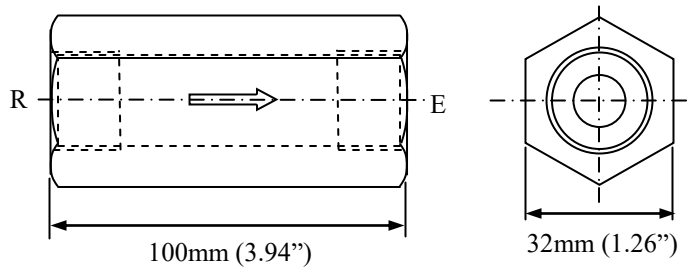
VIV-N.37-**-1



VIV-N.5-**-1



VIV-N.75-**-1



VIV-N1-**-1

