

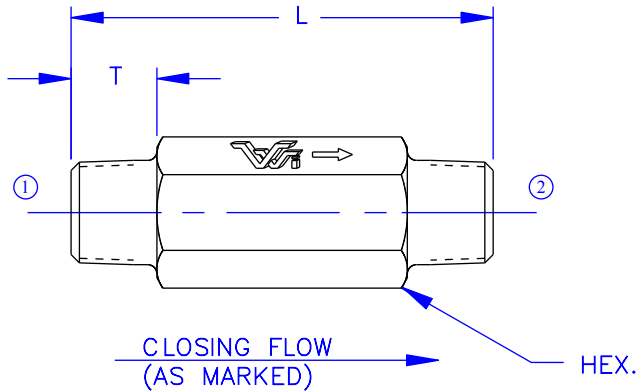


# VELOCITY FUSE

28000-500 SERIES

IN-LINE

MALE PIPE CONNECTIONS



**DESCRIPTION**

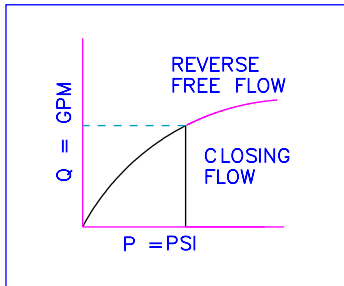
- AN IN-LINE VELOCITY FUSE WITH MALE NPTF CONNECTIONS, THAT PROVIDES FULL-LINE SHUT-OFF IN THE EVENT OF A LINE FAILURE.

**OPERATION**

- A FLOW BELOW THE SPECIFIED LIMIT IS ALLOWED FROM "1" TO "2".
- FLOW ABOVE THE SPECIFIED LIMIT IS ASSUMED TO BE A LINE FAILURE AND IS BLOCKED.
- FLOW FROM "2" TO "1" PASSES THRU THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- CLOSING FLOW TOLERANCE= +15%/-0%

**FEATURES**

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.



- SPECIFICATIONS -

HYDRAULIC SYMBOL	
OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250°F TO -40°F
REOPENING DIFFERENTIAL	50 PSI
ALL DIMENSIONS IN INCHES	

- ORDERING INFORMATION -

ASSEMBLY NUMBER	28000-5XX-XX
SERIES NUMBER	_____
PORT SIZE	_____
CLOSING FLOW (GPM)	_____

MODEL	CONN. 1 / 2	FLOW RANGE	L	T	HEX.
28000-502	1/4-18 NPTF	0.1 - 4.0 GPM	2.05	0.563	0.625
28000-503	3/8-18 NPTF	0.5 - 10.0 GPM	1.75	0.600	0.750
28000-504	1/2-14 NPTF	0.5 - 25.0 GPM	2.06	0.750	0.875
28000-506	3/4-14 NPTF	2.0 - 40.0 GPM	2.00	0.750	1.125
28000-508	1-11 1/2 NPTF	2.0 - 50.0 GPM	2.34	0.922	1.375
28000-512	1 1/2-11 1/2 NPTF	2.0 - 80.0 GPM	4.75	1.000	2.000



**Vonberg Valve, inc.**  
HYDRAULIC VALVE SPECIALISTS

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