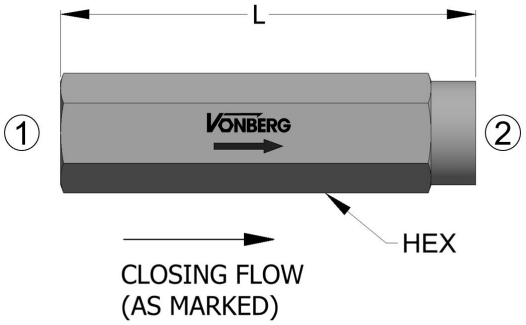
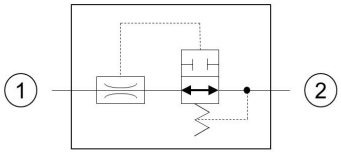
VELOCITY FUSE

SAFETY VALVES
INLINE
28000-100 SERIES
FEMALE NPTF PORTS

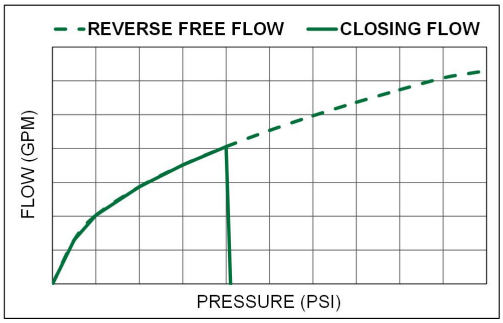
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE VELOCITY FUSE WITH FEMALE NPTF PORTS THAT PROVIDES FULL-LINE SHUT-OFF IN THE EVENT OF A LINE FAILURE.

OPERATION

- FLOW FROM (2) TO (1) PASSES THROUGH THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- FLOW ABOVE THE SPECIFIED LIMIT IS ASSUMED TO BE A LINE FAILURE AND IS BLOCKED.
- A FLOW BELOW THE SPECIFIED LIMIT IS ALLOWED FROM (1) TO (2).

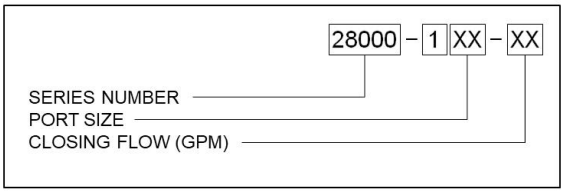
FEATURES

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

SPECIFICATIONS

CLOSING FLOW TOLERANCE	+15% / -0%
OPERATING PRESSURE	3500 PSI
REOPENING DIFFERENTIAL	50 PSI
TEMPERATURE RANGE	250° F TO -40° F

ORDERING INFORMATION



MODEL	INLET / OUTLET	FLOW RANGE	L	HEX
28000-102	1/4-18 NPTF	0.5 TO 10.0 GPM	3.18	0.750
28000-103	3/8-18 NPTF	0.5 TO 25.0 GPM	3.50	0.875
28000-104	1/2-14 NPTF	2.0 TO 40.0 GPM	3.85	1.125
28000-106	3/4-14 NPTF	2.0 TO 50.0 GPM	4.20	1.375

This document, as well as all catalogs, price lists and information provided by Vonberg Valve, Inc., is intended to provide product information for further consideration by users having substantial technical expertise due to the variety of operating conditions and applications for these valves, the user, through its own analysis, testing and evaluation, is solely responsible for making the final selection of the products and ensuring that all safety, warning and performance requirements of the application or use are met. The valves described herein, including without limitation, all component features, specifications, designs, pricing and availability, are subject to change at any time at the sole discretion of Vonberg Valve, Inc. without prior notification.

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