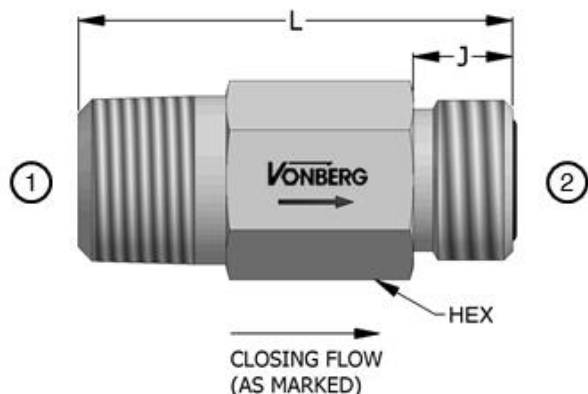
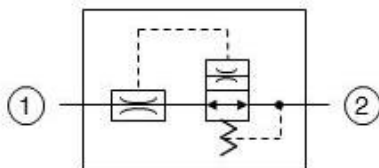


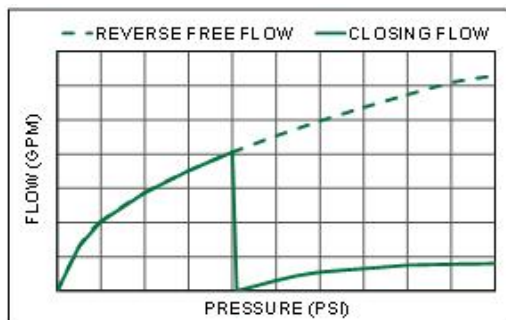
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE VELOCITY FUSE WITH A MALE NPTF INLET AND A MALE ORS OUTLET 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 LIMITED.
- FLOW FROM (2) TO (1) PASSES THROUGH THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- BLEED RATE AFTER CLOSING IS 2.0 - 3.0 GPM AT 3000 PSI.

FEATURES

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.
- NON-STANDARD BLEED FLOW RATES ARE AVAILABLE UPON REQUEST.

SPECIFICATIONS

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

ORDERING INFORMATION

28059-5XX-XX

SERIES NUMBER _____

PORT SIZE _____

CLOSING FLOW (GPM) _____

Model	INLET 1	OUTLET 2	FLOW RANGE	L	HEX	J
28059-502	1/4-18 NPTF	-04 ORS - 9/16-18	0.1 TO 4.0 GPM	2.30	0.625	0.389
28059-503	3/8-18 NPTF	-06 ORS - 11/16-16	0.5 TO 10.0 GPM	2.10	0.750	0.441
28059-504	1/2-14 NPTF	-08 ORS - 13/16-16	1.0 TO 25.0 GPM	2.34	0.875	0.504
28059-506	3/4-14 NPTF	-12 ORS - 1 3/16-12	2.0 TO 40.0 GPM	2.75	1.250	0.670
28059-508	1-11 1/2 NPTF	-16 ORS - 1 7/16-12	2.0 TO 50.0 GPM	3.25	1.375	0.689
28059-512	1 1/2-11 1/2 NPTF	-24 ORS - 2-12	5.0 TO 80.0 GPM	4.85	2.125	0.689

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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