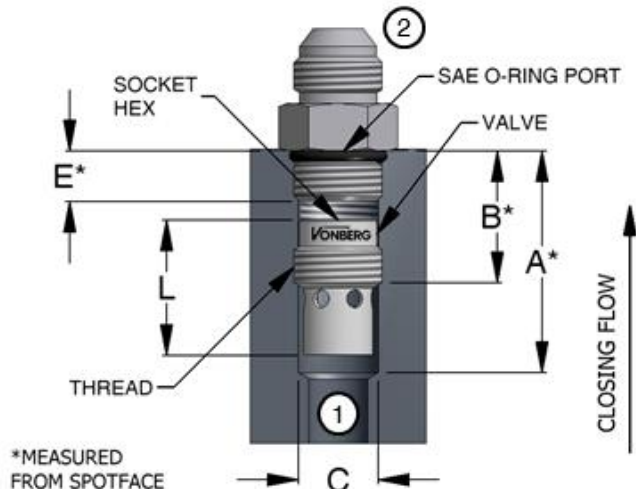
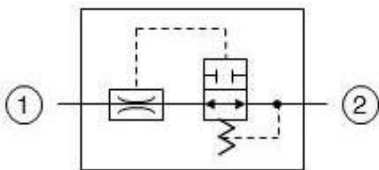


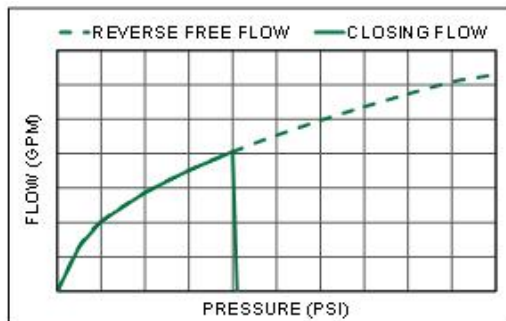
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

A IN-LINE, THREADED INSERTABLE VELOCITY FUSE 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 THROUGH THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.

FEATURES

- STEEL COMPONENTS.
- RAPID RESPONSE.
- POSITIVE CLOSE.

SPECIFICATIONS

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

ORDERING INFORMATION

85
XX
XX

SERIES NUMBER _____
 PORT SIZE _____
 CLOSING FLOW (GPM) _____

MODEL	THREAD	FLOW RANGE	L	A	B	C	E	HEX	TORQUE
8504	7/16 - 20	0.2 TO 4.0 GPM	0.66	1.30	0.80	0.390 - 0.395	0.360	0.125	25 in-lbs
8506	9/16 - 18	0.2 TO 8.0 GPM	0.72	1.41	0.87	0.502 - 0.515	0.391	0.187	5 ft-lbs
8508	3/4 - 16	0.5 TO 15.0 GPM	1.15	1.95	1.15	0.682 - 0.696	0.438	0.312	8 ft-lbs
8510	7/8 - 14	1.0 TO 25.0 GPM	1.25	2.15	1.05	0.798 - 0.814	0.500	0.375	12 ft-lbs
8512	1 1/16 - 12	2.0 TO 40.0 GPM	1.50	2.50	1.30	0.972 - 0.990	0.594	0.438	18 ft-lbs
8516	1 5/16 - 12	5.0 TO 50.0 GPM	1.50	2.67	1.30	1.222 - 1.240	0.594	0.500	30 ft-lbs
8520	1 5/8 - 12	5.0 TO 65.0 GPM	1.85	3.05	1.30	1.535 - 1.553	0.594	0.625	40 ft-lbs
8524	1 7/8 - 12	5.0 TO 80.0 GPM	2.13	3.38	1.37	1.785 - 1.803	0.594	0.687	50 ft-lbs

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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