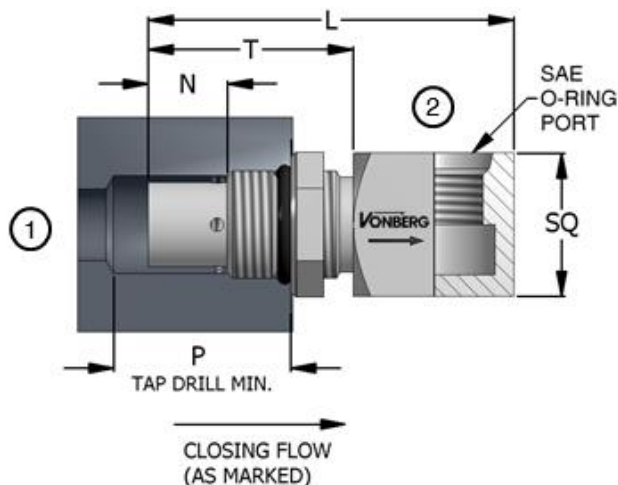
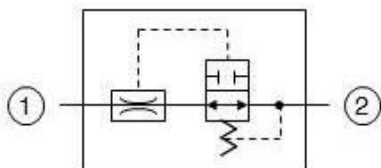


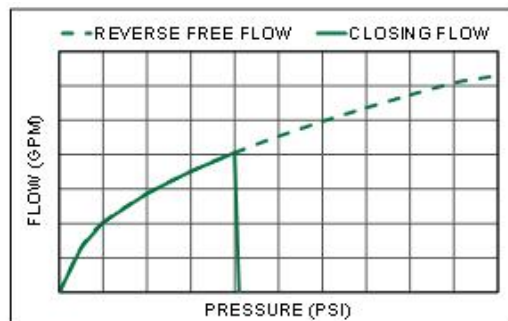
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE, 90deg SWIVEL ELBOW VELOCITY FUSE WITH AN SAE O-RING OUTLET PORT 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.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.
- POSITIVE CLOSE
- SWIVEL DESIGN FOR EASY ALIGNMENT.
- 90deg ELBOW FOR LOW PROFILE APPLICATIONS.
- SAE O-RING PORT OUTLET FOR LEAK FREE CONNECTIONS.

SPECIFICATIONS

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

ORDERING INFORMATION

SERIES NUMBER 87
 OUTLET PORT SIZE XX
 CLOSING FLOW (GPM) XX

Model	PORT 1	PORT 2	FLOW RANGE	L	T	N	P (MIN)	SQ
8704	-04 SAE - 7/16-20	-04 SAE - 7/16-20	0.2 TO 4.0 GPM	1.770	1.110	0.400	0.950	0.750
8706	-06 SAE - 9/16-18	-06 SAE - 9/16-18	0.2 TO 8.0 GPM	2.125	1.160	0.390	1.000	0.875
8708	-08 SAE - 3/4-16	-08 SAE - 3/4-16	0.5 TO 15.0 GPM	2.555	1.430	0.550	1.250	1.000
8710	-10 SAE - 7/8-14	-10 SAE - 7/8-14	1.0 TO 25.0 GPM	3.230	1.870	0.850	1.688	1.125
8712	-12 SAE - 1 1/16-12	-12 SAE - 1 1/16-12	2.0 TO 40.0 GPM	3.625	2.065	0.905	1.980	1.375
8716	-16 SAE - 1 5/16-12	-16 SAE - 1 5/16-12	5.0 TO 50.0 GPM	3.825	2.200	0.885	2.000	1.625

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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