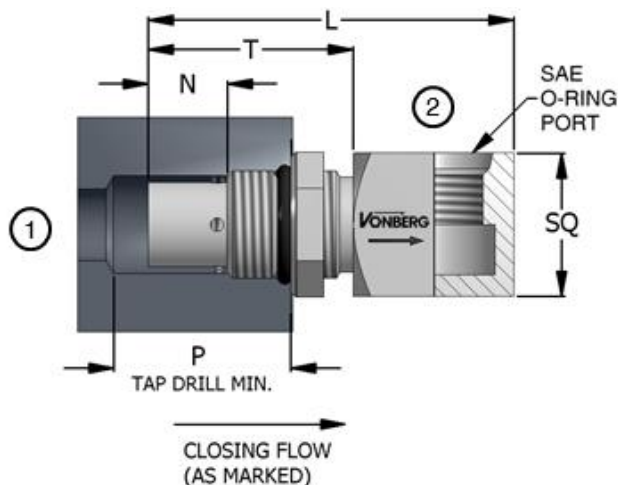
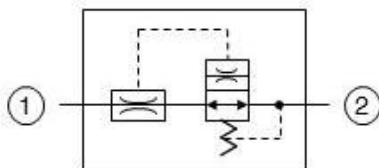


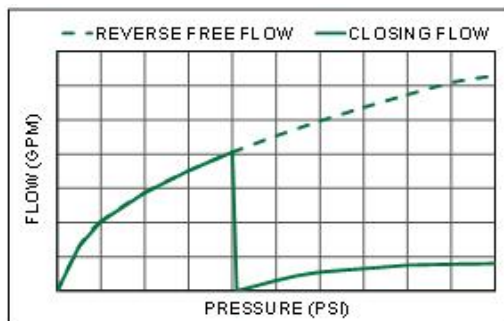
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE, 90° SWIVEL ELBOW FLOW LIMITER WITH AN SAE O-RING OUTLET PORT THAT PREVENTS FREE FALL IN THE EVENT OF A LINE FAILURE, BUT ALLOWS A METERED FLOW AFTER CLOSING.

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 3500 PSI.

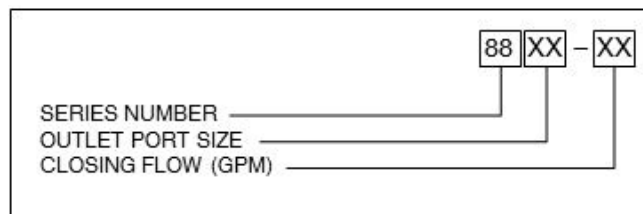
FEATURES

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.
- POSITIVE CLOSE
- SWIVEL DESIGN FOR EASY ALIGNMENT.
- 90° ELBOW FOR LOW PROFILE APPLICATIONS.
- SAE O-RING PORT OUTLET FOR LEAK FREE CONNECTIONS.
- 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



Model	PORT 1	PORT 2	FLOW RANGE	L	T	N	P (MIN)	SQ
8804	-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
8806	-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
8808	-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
8810	-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
8812	-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
8816	-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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