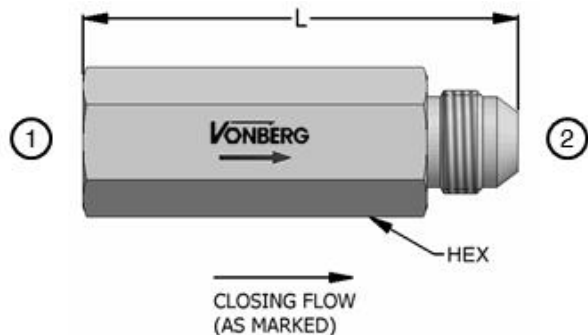
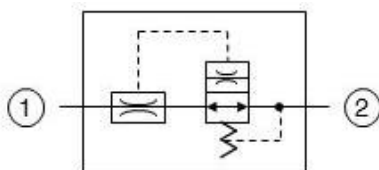


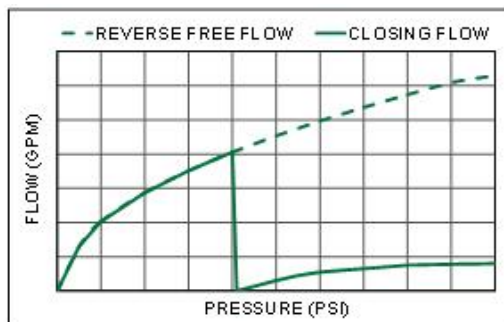
### PRODUCT



### SCHEMATIC



### TYPICAL PERFORMANCE



### DESCRIPTION

AN IN-LINE FLOW LIMITER WITH A FEMALE SAE O-RING PORT INLET AND A MALE JIC OUTLET 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.
- 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

28051	-	2	XX	-	XX
SERIES NUMBER		PORT SIZE		CLOSING FLOW (GPM)	

Model	INLET 1	OUTLET 2	FLOW RANGE	L	HEX
28051-204	-04 SAE - 7/16-20	-04 JIC - 7/16-20	0.1 TO 4.0 GPM	2.40	0.63
28051-206	-06 SAE - 9/16-18	-06 JIC - 9/16-18	0.5 TO 10.0 GPM	2.90	0.75
28051-208	-08 SAE - 3/4-16	-08 JIC - 3/4-16	1.0 TO 25.0 GPM	3.15	0.94
28051-210	-10 SAE - 7/8-14	-10 JIC - 7/8-14	2.0 TO 40.0 GPM	3.40	1.13
28051-212	-12 SAE - 1 1/16-12	-12 JIC - 1 1/6-12	2.0 TO 50.0 GPM	3.95	1.38

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.

Page last updated: February 18, 2015



**Vonberg Valve, inc.**  
 Hydraulic Valve Specialists

3800 Industrial Avenue • Rolling Meadows, IL 60008-1085 USA © 2015  
 phone: 847/259-3800 • fax 847/259-3997 • email: info@vonberg.com