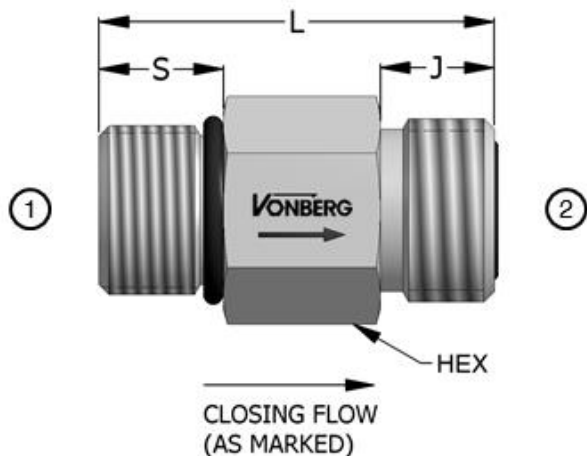
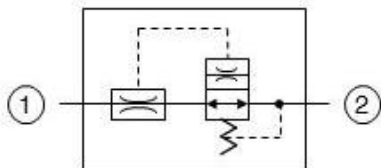


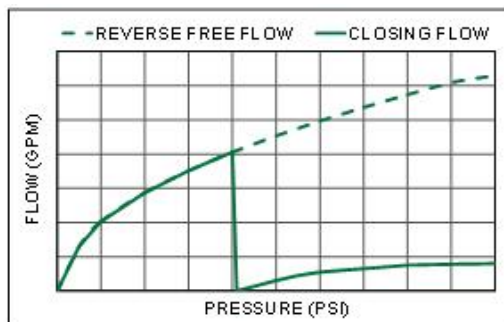
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE VELOCITY FUSE WITH A MALE SAE 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	5000 PSI
TEMPERATURE RANGE	250° F TO -40° F
REOPENING DIFFERENTIAL	50 PSI
CLOSING FLOW TOLERANCE	+15% / -0%

ORDERING INFORMATION

28059	-	8	XX	-	XX
SERIES NUMBER		PORT SIZE		CLOSING FLOW (GPM)	

Model	INLET 1	OUTLET 2	FLOW RANGE	L	HEX	S	J
28059-806	-06 SAE - 9/16-18	-06 ORS - 11/16-16	0.1 TO 4.0 GPM	1.60	0.750	0.472	0.441
28059-808	-08 SAE - 3/4-16	-08 ORS - 13/16-16	0.5 TO 10.0 GPM	1.75	0.875	0.551	0.504
28059-810	-10 SAE - 7/8-14	-10 ORS - 1-14	1.0 TO 25.0 GPM	1.90	1.125	0.630	0.610
28059-812	-12 SAE - 1 1/16-12	-12 ORS - 1 3/16-12	2.0 TO 40.0 GPM	2.00	1.250	0.728	0.670
28059-816	-16 SAE - 1 5/16-12	-16 ORS - 1 7/16-12	2.0 TO 50.0 GPM	2.40	1.500	0.728	0.689
28059-824	-24 SAE - 1 7/8-12	-24 ORS - 2-12	5.0 TO 80.0 GPM	3.25	2.125	0.728	0.689

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