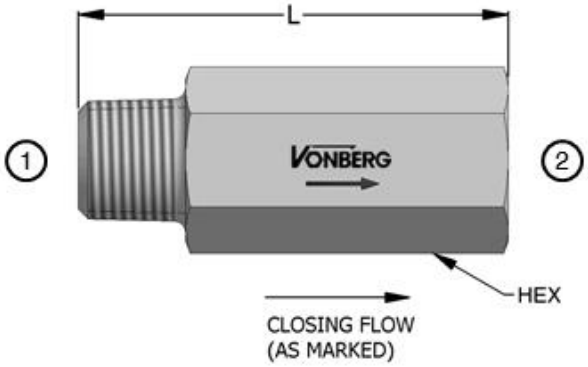
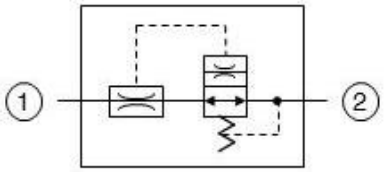
FLOW LIMITER

Safety Valves
INLINE
28950-500 SERIES
MALE NPTF TO FEMALE NPTF

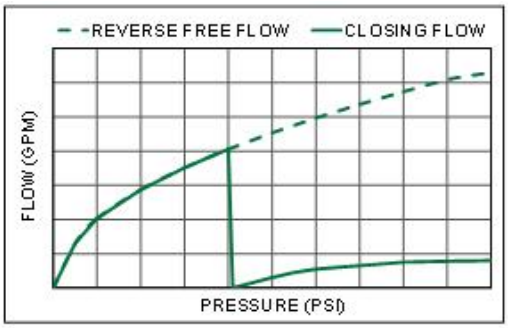
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE VELOCITY FUSE WITH A MALE NPTF INLET AND A FEMALE NPTF 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.

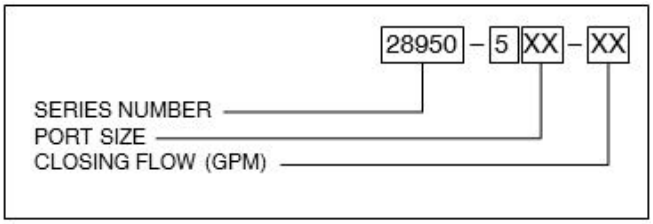
FEATURES

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.
- NON-STANDARD BLEED FLOW RATES ARE AVAILABLE UPON REQUEST.

SPECIFICATIONS

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

ORDERING INFORMATION



Model	INLET 1	OUTLET 2	FLOW RANGE	L	HEX
28950-502	1/4-18 NPTF	1/4-18 NPTF PORT	0.1 TO 4.0 GPM	2.70	0.750
28950-503	3/8-18 NPTF	3/8-18 NPTF PORT	0.5 TO 10.0 GPM	2.70	0.875
28950-504	1/2-14 NPTF	1/2-14 NPTF PORT	1.0 TO 25.0 GPM	3.00	1.125
28950-506	3/4-14 NPTF	3/4-14 NPTF PORT	2.0 TO 40.0 GPM	3.20	1.375
28950-508	1-11 1/2 NPTF	1-11 1/2 NPTF PORT	2.0 TO 50.0 GPM	3.80	1.625

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