

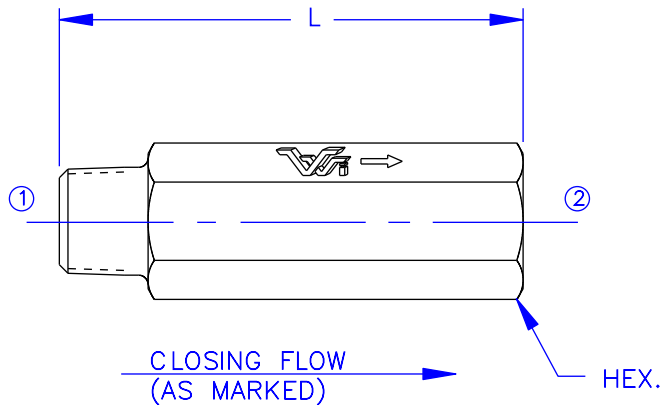


FLOW LIMITER

28950-500 SERIES

IN-LINE

MALE NPTF TO
FEMALE NPTF CONNECTION



DESCRIPTION

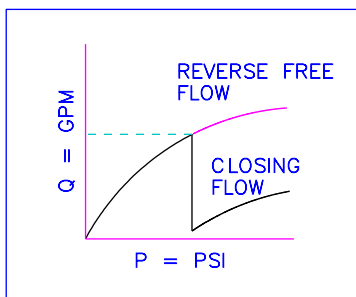
- AN IN-LINE FLOW LIMITER WITH A MALE NPTF INLET AND A FEMALE NPTF OUTLET THAT PREVENTS FREE FALL IN THE EVENT OF A LINE FAILURE BUT ALLOWS A METERED FLOW AFTER CLOSING.

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.
- BLEED RATE AFTER CLOSING IS 2.0 - 3.0 GPM AT 3500 PSI.
- FLOW FROM "2" TO "1" PASSES THRU THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- CLOSING FLOW TOLERANCE = +15%/-0%.

FEATURES

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



- SPECIFICATIONS -

HYDRAULIC SYMBOL	
OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250°F TO -40°F
REOPENING DIFFERENTIAL	50 PSI
ALL DIMENSIONS IN INCHES	

- ORDERING INFORMATION -

ASSEMBLY NUMBER	28950-5XX-XX
SERIES NUMBER	_____
PORT SIZE	_____
CLOSING FLOW (GPM)	_____

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



Vonberg Valve, inc.

HYDRAULIC VALVE SPECIALISTS

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