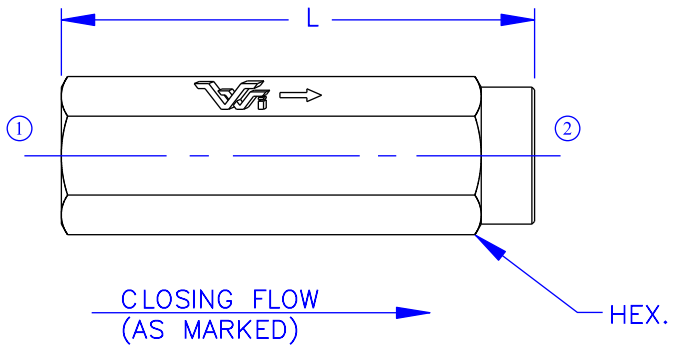
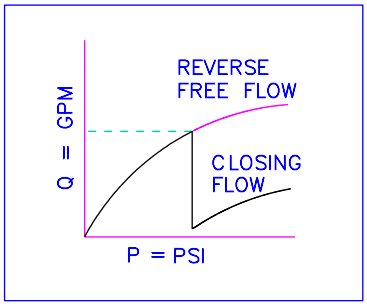
FLOW LIMITER

IN-LINE

28050-100 SERIES

FEMALE PIPE PORTS





DESCRIPTION

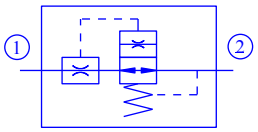
- AN IN-LINE FLOW LIMITER WITH FEMALE NPTF PORTS THAT PREVENTS FREE FALL IN THE EVENT OF A LINE FAILURE BUT ALLOWS A METERED FLOW AFTER CLOSING.

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 CONTROLING 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	28050–10X–XX
SERIES NUMBER	
PORT SIZE	
CLOSING FLOW (GPM)	

MODEL	PORT 1 / 2	FLOW RANGE	L	HEX.
28050–102	1/4–18 NPTF	0.5 – 10.0 GPM	3.18	0.750
28050–103	3/8–18 NPTF	0.5 – 25.0 GPM	3.50	0.875
28050–104	1/2–14 NPTF	2.0 – 40.0 GPM	3.85	1.125
28050–106	3/4–14 NPTF	2.0 – 50.0 GPM	4.20	1.375

Vonberg Valve, inc.
HYDRAULIC VALVE SPECIALISTS

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