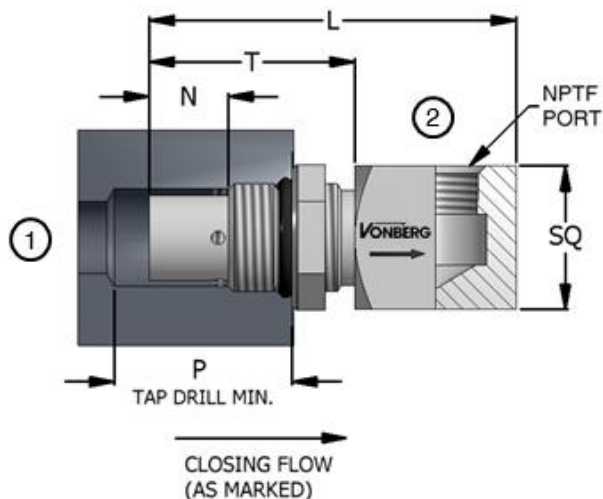
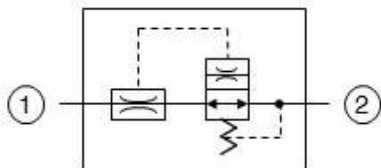


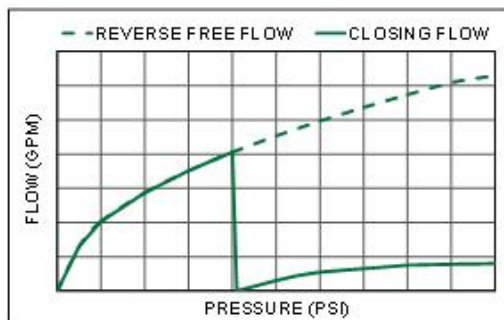
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE, 90° SWIVEL ELBOW FLOW LIMITER WITH AN NPTF OUTLET PORT THAT PROVIDES PARTIAL-LINE SHUT-OFF IN THE EVENT OF A LINE FAILURE. ALLOWS RESTRICTED 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 3000 PSI.

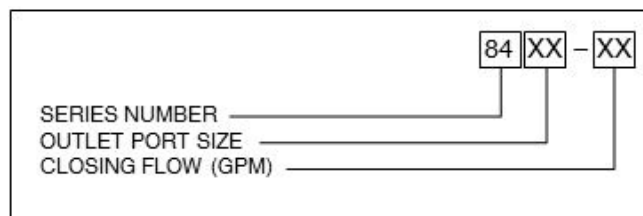
FEATURES

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.
- POSITIVE CLOSE
- SWIVEL DESIGN FOR EASY ALIGNMENT.
- 90° ELBOW FOR LOW PROFILE APPLICATIONS.
- 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	PORT 1	PORT 2	FLOW RANGE	L	T	N	P (MIN)	SQ
8402	-06 SAE - 9/16-18	1/4-18 NPTF	0.2 TO 8.0 GPM	2.125	1.160	0.390	1.000	0.875
8403	-08 SAE - 3/4-16	3/8-18 NPTF	0.5 TO 15.0 GPM	2.555	1.430	0.550	1.250	1.000
8404	-10 SAE - 7/8-14	1/2-14 NPTF	1.0 TO 25.0 GPM	3.230	1.870	0.850	1.688	1.125
8406	-12 SAE - 1 1/16-12	3/4-14 NPTF	2.0 TO 40.0 GPM	3.625	2.065	0.905	1.980	1.375

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