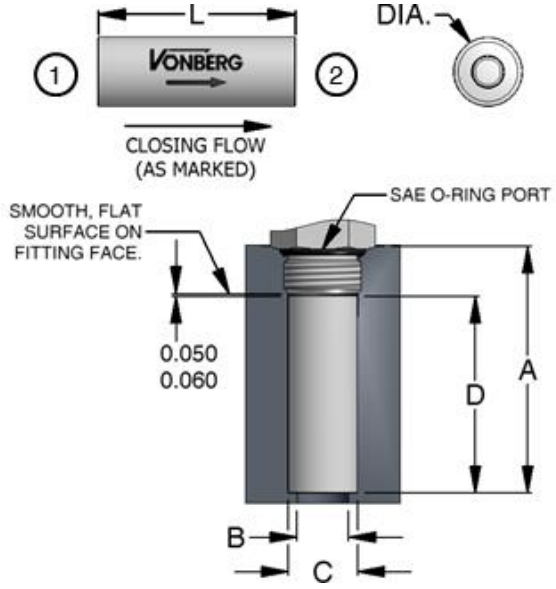
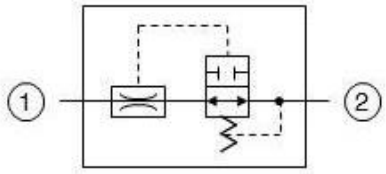
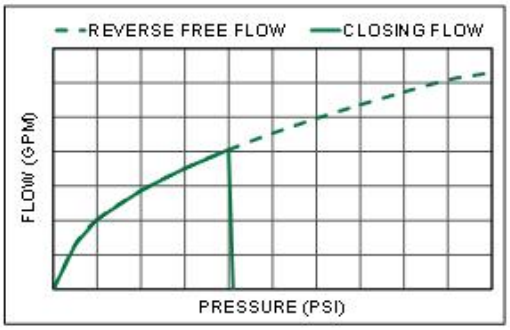
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE, SLIP-IN CARTRIDGE STYLE VELOCITY FUSE 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 BLOCKED.
- FLOW FROM (2) TO (1) PASSES THROUGH THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- BORE DEPTHS ASSUME THE USE OF A STANDARD O-RING COSS CONNECTOR WITH THREAD LENGTHS BASED ON SAE J514.
- VALVE BODY IS LEFT WITH APPROX. 0.060" OF SLACK IN THE CAVITY TO PREVENT DAMAGING VALVE.
- VALVE BODY SEATS ON SMOOTH, FLAT SURFACE OF FITTING IN THE CLOSING FLOW DIRECTION.

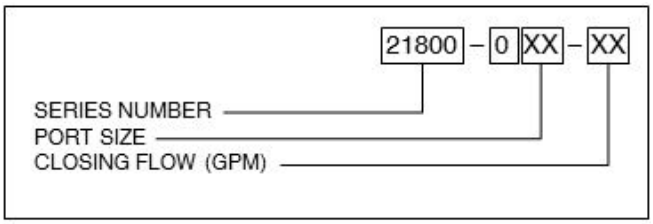
FEATURES

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- RAPID RESPONSE.

SPECIFICATIONS

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

ORDERING INFORMATION



Model	DIA.	L	FLOW RANGE	A	B (MAX.)	C	D
21800-006	0.506	1.70	0.5 TO 10.0 GPM	2.15 / 2.16	0.375	0.510 / 0.515	1.76 / 1.77
21800-008	0.670	1.88	0.5 TO 25.0 GPM	2.38 / 2.39	0.500	0.672 / 0.677	1.94 / 1.95
21800-010	0.795	1.90	2.0 TO 40.0 GPM	2.46 / 2.47	0.625	0.797 / 0.802	1.96 / 1.97
21800-012	0.970	1.90	2.0 TO 40.0 GPM	2.56 / 2.57	0.812	0.972 / 0.977	1.96 / 1.97
21800-014	1.095	2.14	2.0 TO 50.0 GPM	2.80 / 2.81	0.812	1.097 / 1.102	2.20 / 2.21
21800-016	1.220	2.14	2.0 TO 50.0 GPM	2.80 / 2.81	0.937	1.222 / 1.227	2.20 / 2.21
21800-024	1.783	3.25	5.0 TO 80.0 GPM	3.91 / 3.92	1.437	1.787 / 1.792	3.31 / 3.32

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