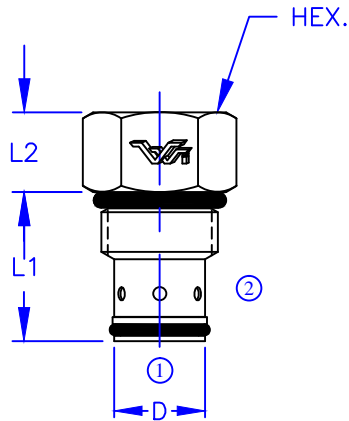




# VELOCITY FUSE

## CARTRIDGE

8100 SERIES



### DESCRIPTION

- A 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 THRU THE CONTROLLING ORIFICE BUT IS UNCONTROLLED.
- CLOSING FLOW TOLERANCE= +15%/-0%.

### FEATURES

- INDUSTRY COMMON CAVITY.
- STEEL COMPONENTS.
- RAPID RESPONSE.
- POSITIVE CLOSE.

- 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	81XX-XX
SERIES NUMBER	_____
PORT SIZE	_____
CLOSING FLOW (GPM)	_____

MODEL	THREAD	CAVITY	RATED FLOW	L1	L2	D	HEX
<b>NEW</b> 8104	7/16-20	4-2	0.2 - 2 GPM	0.94	0.55	.279/.277	0.56
<b>NEW</b> 8106	9/16-18	6-2	0.2 - 3 GPM	0.84	0.53	.468/.467	0.69
8108	3/4-16	8-2	0.2 - 5 GPM	1.10	0.50	.497/.495	0.88
8110	7/8-14	10-2	0.5 - 8 GPM	1.25	0.75	.623/.621	1.00
8112	1 1/16-12	12-2	1.0 - 15 GPM	1.81	0.75	.873/.870	1.25
8116	1 5/16-12	16-2	2.0 - 25 GPM	1.75	0.75	1.123/1.121	1.50



**Vonberg Valve, inc.**  
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