

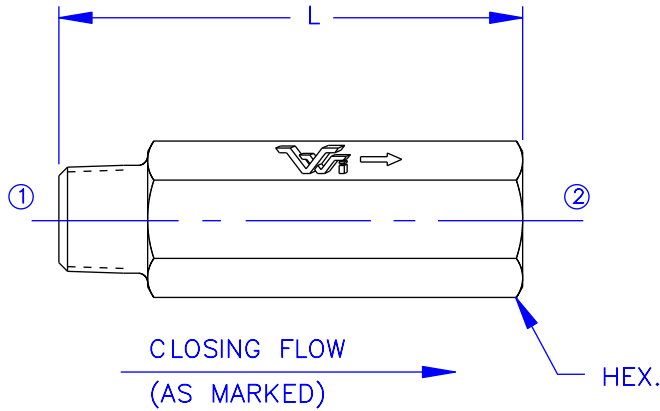


VELOCITY FUSE

28900-500 SERIES

IN-LINE

MALE NPTF TO
FEMALE NPTF CONNECTION



DESCRIPTION

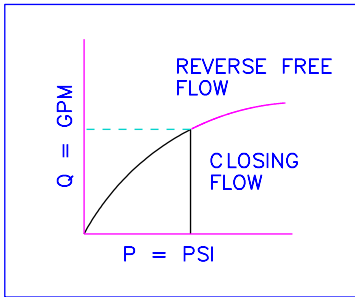
- AN IN-LINE VELOCITY FUSE WITH A MALE NPTF INLET AND A FEMALE NPTF OUTLET THAT PROVIDES FULL-LINE SHUT-OFF IN THE EVENT OF A LINE FAILURE.

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

- STEEL COMPONENTS.
- FAIL SAFE DESIGN.
- 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 | 28900-5XX-XX |
| SERIES NUMBER | _____ |
| PORT SIZE | _____ |
| CLOSING FLOW (GPM) | _____ |

| MODEL | CONN. 1 | CONN. 2 | FLOW RANGE | L | HEX. |
|-----------|---------------|---------------|----------------|------|-------|
| 28900-502 | 1/4-18 NPTF | 1/4-18 NPTF | 0.1 - 4.0 GPM | 2.70 | 0.750 |
| 28900-503 | 3/8-18 NPTF | 3/8-18 NPTF | 0.5 - 10.0 GPM | 2.70 | 0.875 |
| 28900-504 | 1/2-14 NPTF | 1/2-14 NPTF | 1.0 - 25.0 GPM | 3.00 | 1.125 |
| 28900-506 | 3/4-14 NPTF | 3/4-14 NPTF | 2.0 - 40.0 GPM | 3.20 | 1.375 |
| 28900-508 | 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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