

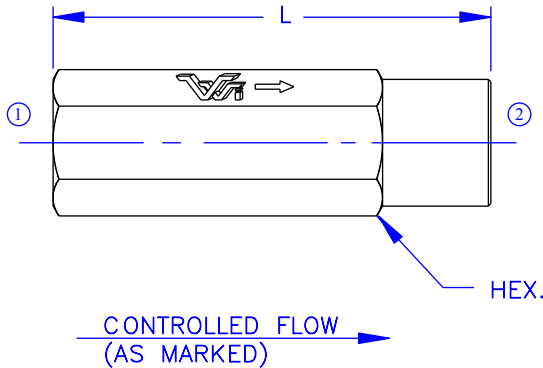


FLOW REGULATOR

IN-LINE

1300L SERIES
LOW PRESSURE DROP

FEMALE PIPE PORTS



DESCRIPTION

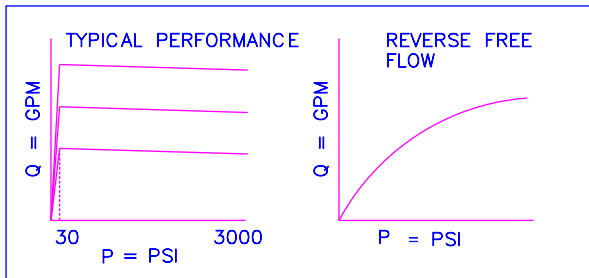
- AN IN-LINE, PRESSURE-COMPENSATED, NONADJUSTABLE FLOW REGULATOR WITH FEMALE NPTF PORTS, INTENDED FOR FIXED DISPLACEMENT HYDRAULIC CIRCUIT APPLICATIONS.

OPERATION

- IN THE CONTROLLED DIRECTION THIS REGULATOR WILL MAINTAIN A CONSTANT FLOW RATE THROUGHOUT A SPECIFIED PRESSURE RANGE
- REVERSE FLOW PASSES THROUGH THE CONTROLLING ORIFICE AND IS UNCONTROLLED PRODUCING A PRESSURE DIFFERENTIAL OF 60 PSI MAX. AT 150% OF CONTROLLED FLOW.

FEATURES

- **S.I.D.** SURGES INTERNALLY DAMPENED FEATURE IS OPTIONAL FOR LOAD LOWERING APPLICATIONS.
- ALUMINUM BODY, STEEL INTERNALS.
- HYDRAULIC FLUIDS - GENERAL.
- NO INTERNAL PACKINGS.



- SPECIFICATIONS -

| | |
|--------------------------|--------------------|
| HYDRAULIC SYMBOL | |
| PRESSURE RANGE | 25 PSI TO 3000 PSI |
| TEMPERATURE RANGE | 250°F TO -40°F |
| FLOW TOLERANCE | ±10% |
| ALL DIMENSIONS IN INCHES | |

- ORDERING INFORMATION -

| | |
|---------------------------|------------|
| ASSEMBLY NUMBER | 13XXL-X-XX |
| SERIES NUMBER | 13 |
| LOW PRESSURE | XX |
| UNDAMPENED - BLANK | |
| DAMPENED (S.I.D.) - 1 | 1 |
| REGULATED FLOW RATE (GPM) | |

| MODEL | PORT 1 / 2 | FLOW RANGE | L | HEX. |
|-------|-------------------|----------------|------|-------|
| 1302L | 1/4-18 NPTF | 0.20 - 2.0 GPM | 3.50 | 0.938 |
| 1303L | 3/8-18 NPTF | 0.25 - 3.0 GPM | 3.38 | 0.875 |
| 1304L | 1/2-14 NPTF | 0.50 - 6.0 GPM | 4.00 | 1.125 |
| 1306L | 3/4-14 NPTF | 1.0 - 10.0 GPM | 4.75 | 1.375 |
| 1308L | 1-11 1/2 NPTF | 2.0 - 20.0 GPM | 5.25 | 1.625 |
| 1312L | 1 1/2-11 1/2 NPTF | 2.0 - 40.0 GPM | 6.29 | 2.250 |



Vonberg Valve, inc.
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