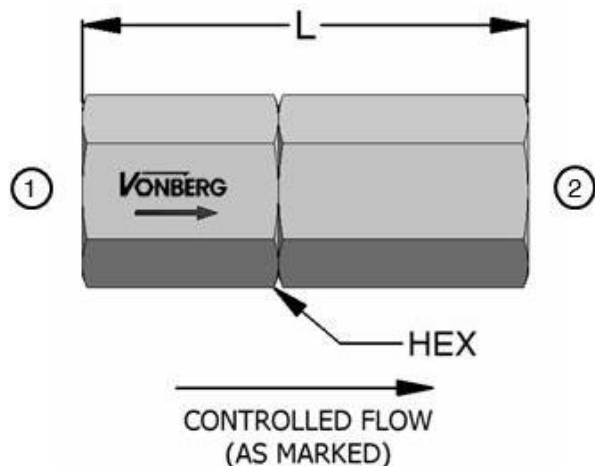
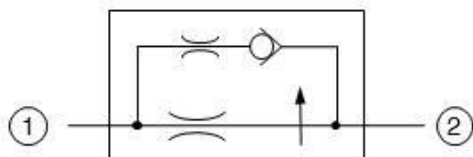


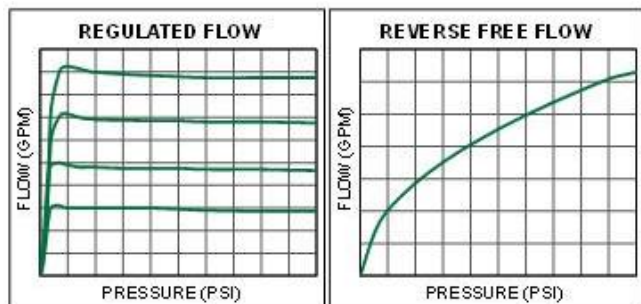
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE, PRESSURE-COMPENSATED, NONADJUSTABLE FLOW REGULATOR WITH FEMALE SAE 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 120 PSI MAX. AT 150% OF CONTROLLED FLOW.

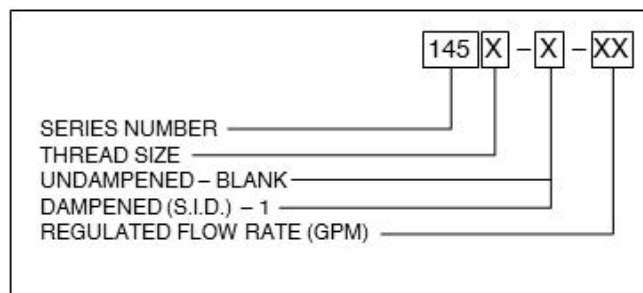
FEATURES

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

SPECIFICATIONS

PRESSURE RANGE	50 PSI TO 3500 PSI
TEMPERATURE RANGE	250°F TO -40°F
FLOW TOLERANCE	+/- 10% (+/- 15% UNDER 1.5 GPM)

ORDERING INFORMATION



Model	INLET/OUTLET	FLOW RANGE	L	HEX
1454	-04 SAE - 7/16-20	0.25 TO 4.0 GPM	2.25	0.750
1456	-06 SAE - 9/16-18	0.25 TO 5.0 GPM	2.50	0.938
1458	-08 SAE - 3/4-16	0.5 TO 10.0 GPM	2.88	1.062

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