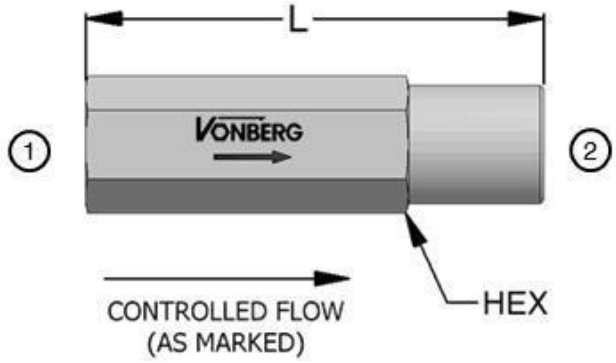
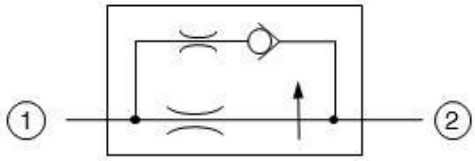
FLOW REGULATOR

Flow Regulating Valves
INLINE
23000 SERIES - HIGH PRESSURE
FEMALE NPTF PORTS

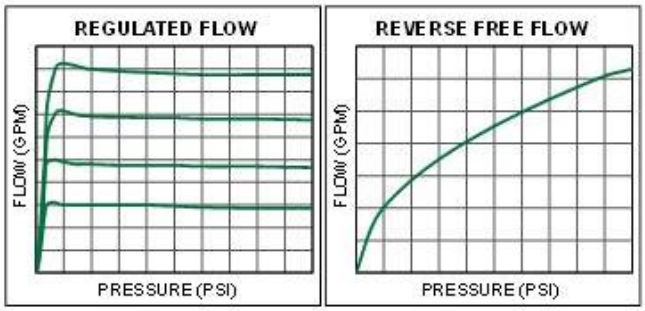
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



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 120 PSI MAX. AT 150% OF CONTROLLED FLOW.

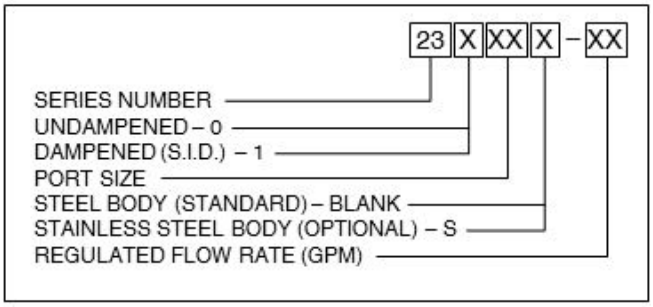
FEATURES

- 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 5000 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
23002	1/4-18 NPTF	0.25 TO 6.0 GPM	3.50	0.938
23003	3/8-18 NPTF	0.5 TO 8.0 GPM	3.38	0.875
23004	1/2-14 NPTF	0.5 TO 15.0 GPM	4.00	1.125
23006	3/4-14 NPTF	1.0 TO 30.0 GPM	4.75	1.375
23008	1-11 1/2 NPTF	2.0 TO 50.0 GPM	5.50	1.625
23012	1 1/2-11 1/2 NPTF	5.0 TO 75.0 GPM	6.29	2.250

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