

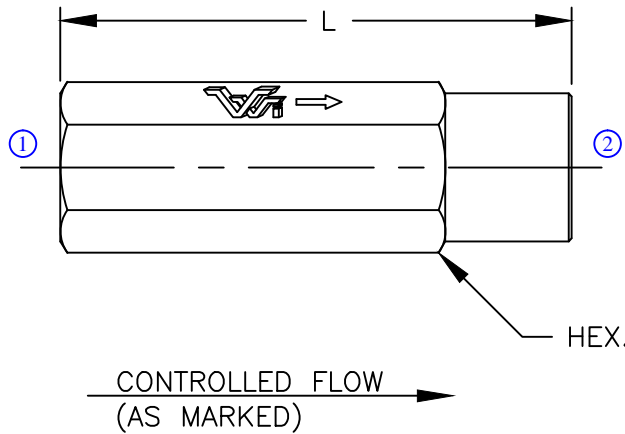


FLOW REGULATOR

23000 SERIES

IN-LINE

FEMALE PIPE PORTS
HIGH PRESSURE



DESCRIPTION

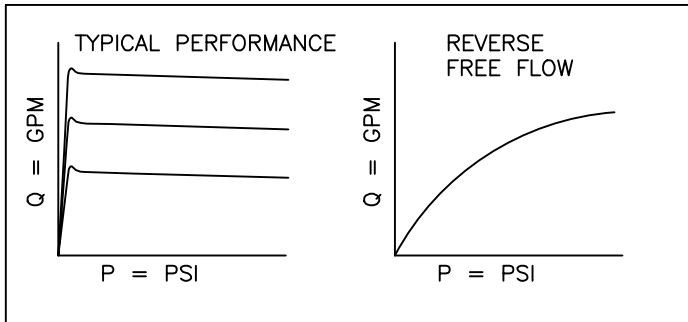
- AN IN-LINE, PRESSURE-COMPENSATED, NONADJUSTABLE FLOW REGULATOR WITH FEMALE NPTF PORTS. INTENDED FOR FIXED DISPLACEMENT HYDRAULIC CIRCUIT APPLICATIONS.

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 -	
HYDRAULIC SYMBOL	
PRESSURE RANGE	50 PSI TO 5000 PSI
TEMPERATURE RANGE	250°F TO -40°F
FLOW TOLERANCE*	±10%
ALL DIMENSIONS IN INCHES	

- ORDERING INFORMATION -	
ASSEMBLY NUMBER	23XXXX-XX
SERIES NUMBER	_____
UNDAMPENED - 0	_____
DAMPENED (S.I.D.) - 1	_____
PORT SIZE	_____
STD. STEEL BODY - BLANK	_____
OPTIONAL STAINLESS STEEL BODY - S	_____
REGULATED FLOW RATE (GPM)	_____

* FLOW TOLERANCE FOR 1.5 GPM AND BELOW IS ±15%

MODEL	PORT 1 / 2	FLOW RANGE	L	HEX.
23X02	1/4-18 NPTF	0.25 - 6.0 GPM	2.50	0.938
23X03	3/8-18 NPTF	0.5 - 8.0 GPM	3.38	0.875
23X04	1/2-14 NPTF	0.5 - 15.0 GPM	4.00	1.125
23X06	3/4-14 NPTF	1.0 - 30.0 GPM	4.75	1.375
23X08	1-11 1/2 NPTF	2.0 - 50.0 GPM	5.25	1.625
23X12	1 1/2 - 11 1/2 NPTF	5.0 - 90.0 GPM	6.29	2.250



Vonberg Valve, inc.

HYDRAULIC VALVE SPECIALISTS

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