

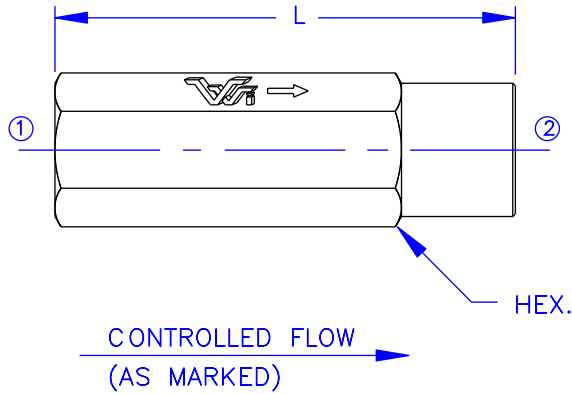


FLOW REGULATOR

24000 SERIES

IN-LINE

FEMALE O-RING PORTS
HIGH PRESSURE



DESCRIPTION

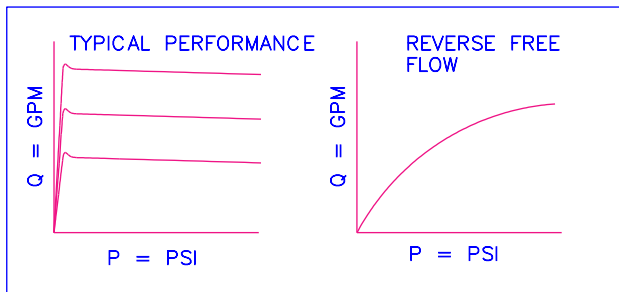
- AN IN-LINE, PRESSURE-COMPENSATED, NONADJUSTABLE FLOW REGULATOR WITH FEMALE O-RING PORTS. INTENDED FOR FIXED DISPLACEMENT HYDRAULIC CIRCUIT APPLICATIONS.

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	24XXXX-XX
SERIES NUMBER	24XXXX-XX
UNDAMPENED - 0	24XXXX-XX
DAMPENED (S.I.D.) - 1	24XXXX-XX
PORT SIZE	24XXXX-XX
STD. STEEL BODY - BLANK	24XXXX-XX
OPTIONAL STAINLESS STEEL BODY - S	24XXXX-XX
REGULATED FLOW RATE (GPM)	24XXXX-XX

MODEL	PORT 1 / 2	THREAD	FLOW RANGE	L	HEX.
24X06	#6 SAE	9/16-18	0.25 - 8.0 GPM	3.00	0.75
24X08	#8 SAE	3/4-16	0.5 - 15.0 GPM	4.00	1.00
24X10	#10 SAE	7/8-14	0.5 - 15.0 GPM	4.00	1.125
24X12	#12 SAE	1 1/16-12	1.0 - 30.0 GPM	4.75	1.375
24X16	#16 SAE	1 5/16-12	2.0 - 50.0 GPM	5.25	1.625
24X24	#24 SAE	1 7/8-12	5.0 - 90.0 GPM	5.50	2.250



Vonberg Valve, inc.

HYDRAULIC VALVE SPECIALISTS

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