

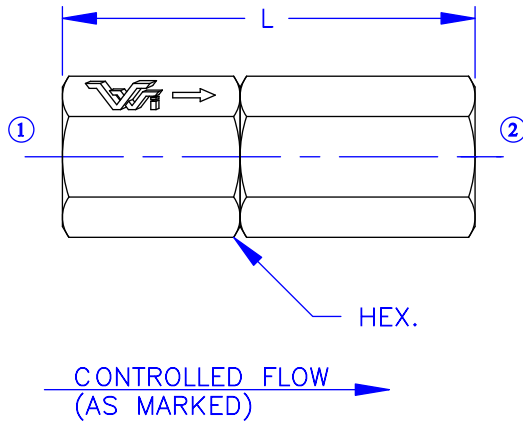


# FLOW REGULATOR

1450 SERIES

IN-LINE

FEMALE O-RING PORTS



### DESCRIPTION

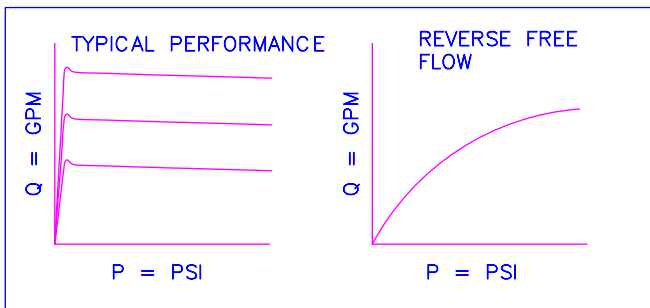
- AN IN-LINE, PRESSURE-COMPENSATED, NONADJUSTABLE FLOW REGULATOR WITH FEMALE O-RING PORTS, INTENDED FOR FIXED DISPLACEMENT HYDRAULIC CIRCUIT APPLICATIONS.

### 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.



- SPECIFICATIONS -	
HYDRAULIC SYMBOL	
PRESSURE RANGE	50 PSI TO 3500 PSI
TEMPERATURE RANGE	250°F TO -40°F
FLOW TOLERANCE	±10%
ALL DIMENSIONS IN INCHES	

- ORDERING INFORMATION -	
ASSEMBLY NUMBER	145X-X-XX
SERIES NUMBER	145
UNDAMPENED - BLANK	X
DAMPENED (S.I.D.) - 1	X
REGULATED FLOW RATE (GPM)	XX

MODEL	PORT 1 / 2	THREAD	FLOW RANGE	L	HEX.
1454	#4 SAE	7/16-20	0.25 - 4.0 GPM	2.25	0.750
1456	#6 SAE	9/16-18	0.25 - 5.0 GPM	2.50	0.938
1458	#8 SAE	3/4-16	0.5 - 10.0 GPM	2.88	1.062



**Vonberg Valve, inc.**

HYDRAULIC VALVE SPECIALISTS

3800 INDUSTRIAL AVE.  
 ROLLING MEADOWS, IL 60008-1085  
 PH: (847) 259-3800 FAX: (847) 259-3997