

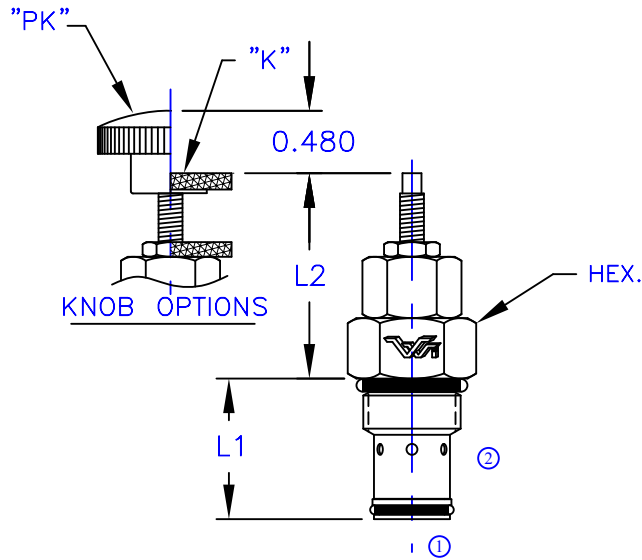


FLOW REGULATOR

CARTRIDGE

2800 SERIES

PARTIALLY
ADJUSTABLE



DESCRIPTION

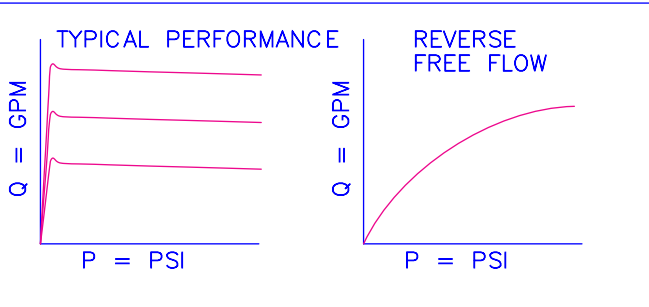
- A CARTRIDGE STYLE, PRESSURE-COMPENSATED, PARTIALLY ADJUSTABLE FLOW REGULATOR, INTENDED FOR FIXED DISPLACEMENT HYDRAULIC CIRCUIT APPLICATIONS.

OPERATION

- THIS REGULATOR WILL MAINTAIN A CONSTANT FLOW RATE FROM "1" TO "2" 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.
- PARTIALLY ADJUSTABLE.
- STEEL BODY, STEEL INTERNALS.
- HYDRAULIC FLUIDS - GENERAL.
- INDUSTRY COMMON CAVITY.



- SPECIFICATIONS -

HYDRAULIC SYMBOL	
PRESSURE RANGE	50 PSI TO 3500 PSI
FLOW ADJUSTMENT	±25% OF NOMINAL FLOW
TEMPERATURE RANGE	250°F TO -40°F
FLOW TOLERANCE	±10%
ALL DIMENSIONS IN INCHES	

- ORDERING INFORMATION -

ASSEMBLY NUMBER 28XXX-X-XX
 SERIES NUMBER _____
 PORT SIZE _____
 ADJUSTING SCREW _____
 -BLANK= 1/8" SOCKET HEX WITH LOCK NUT
 -"K"= 1" DIA. ADJ. KNOB WITH LOCKING KNOB
 -"PK"= 1.375" DIA. PLASTIC ADJ. KNOB WITH LOCK NUT
 UNDAMPENED - BLANK _____
 DAMPENED (S.I.D.) - 1 _____
 NOMINAL FLOW RATE (GPM) _____

MODEL	THREAD	CAVITY	NOMINAL FLOW RANGE	L1	L2	HEX
2808	3/4-16	8-2	0.2 - 6.0 GPM	1.10	2.20	0.875
2810	7/8-14	10-2	0.5 - 8.0 GPM	1.25	2.25	1.00
2812	1 1/16-12	12-2	2.0 - 15.0 GPM	1.81	2.75	1.25
2816	1 5/16-12	16-2	2.0 - 25.0 GPM	1.75	2.75	1.50



Vonberg Valve, inc.

HYDRAULIC VALVE SPECIALISTS

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