

PRODUCT



DESCRIPTION

A NON-ADJUSTABLE, CARTRIDGE STYLE, PRESSURE-COMPENSATED, 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.

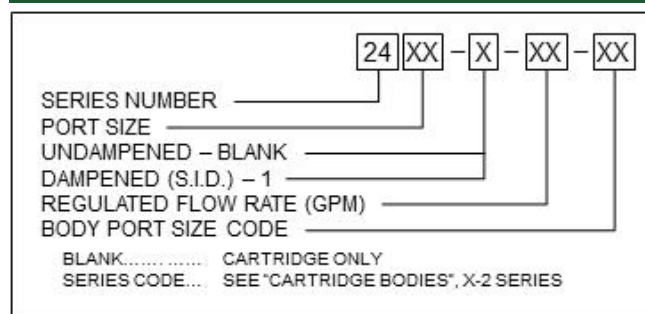
FEATURES

- **S.I.D.** SURGES INTERNALLY DAMPENED FEATURE IS OPTIONAL FOR LOAD LOWERING APPLICATIONS.
- STEEL BODY, STEEL INTERNALS.
- HYDRAULIC FLUIDS - GENERAL.
- INDUSTRY COMMON CAVITY.

SPECIFICATIONS

PRESSURE RANGE	50 PSI TO 3500 PSI
TEMPERATURE RANGE	250°F TO -40°F
FLOW TOLERANCE	+/- 10% (+/- 15% UNDER 1.5 GPM)

ORDERING INFORMATION



Model	THREAD	FLOW RANGE	CAVITY	L1	L2	HEX	A	TORQUE
2404	7/16 - 20	0.4 TO 2.0 GPM	VC04-2	0.94	0.55	0.56	0.277 / 0.278	10 ft-lbs
2406	9/16 - 18	0.4 TO 4.0 GPM	FC06-2	0.84	0.53	0.69	0.467 / 0.468	15 ft-lbs
2408	3/4 - 16	0.4 TO 8.0 GPM	VC08-2	1.10	0.85	0.88	0.495 / 0.497	20 ft-lbs
2410	7/8 - 14	0.5 TO 10.0 GPM	VC10-2	1.25	0.80	1.00	0.621 / 0.623	25 ft-lbs
2412	1 1/16 - 12	2.0 TO 20.0 GPM	VC12-2	1.81	1.35	1.25	0.870 / 0.873	40 ft-lbs
2416	1 5/16 - 12	2.0 TO 30.0 GPM	VC16-2	1.75	1.35	1.50	1.121 / 1.123	60 ft-lbs

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