

PRODUCT



DESCRIPTION

A CARTRIDGE STYLE, POPPET TYPE, STANDARD FLOW CHECK VALVE INTENDED FOR BLOCKING FLUID FLOW.

OPERATION

- FLOW FROM (1) TO (2) IS ALLOWED WITH A STANDARD CRACK PRESSURE OF 3-5 PSI.
- FLOW FROM (2) TO (1) IS BLOCKED WITH A SPRING BIAS TO ASSIST IN STATIC AND LOW LOAD CONDITIONS.

FEATURES

- STEEL BODY AND POPPET.
- LOW INTERNAL LEAKAGE, 5 DPM.
- INDUSTRY COMMON CAVITY
- SPECIAL CRACK PRESSURES AVAILABLE UPON REQUEST.

SPECIFICATIONS

OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250° F TO -40° F
STANDARD CRACK PRESSURE	3-5 PSI

ORDERING INFORMATION

18	XX	XX	XX
SERIES NUMBER	PORT SIZE	CRACK PRESSURE (PSI) (IF NON-STANDARD)	ORIFICE DIAMETER (0.001") (OPTIONAL)
BODY PORT SIZE CODE			
BLANK.....	CARTRIDGE ONLY		
SERIES CODE...	SEE "CARTRIDGE BODIES", X-2 SERIES		

MODEL	THREAD	RATED FLOW	CAVITY	L1	L2	HEX	A	TORQUE
1804	7/16 - 20	2.0 GPM	VC04-2	0.94	0.52	0.56	0.277 / 0.278	10 ft-lbs
1806	9/16 - 18	4.0 GPM	FC06-2	0.84	0.52	0.69	0.467 / 0.468	15 ft-lbs
1808	3/4 - 16	6.0 GPM	VC08-2	1.10	0.36	0.88	0.495 / 0.497	20 ft-lbs
1810	7/8 - 14	10.0 GPM	VC10-2	1.25	0.40	1.00	0.621 / 0.623	25 ft-lbs
1812	1 1/16 - 12	20.0 GPM	VC12-2	1.81	0.49	1.25	0.870 / 0.873	40 ft-lbs
1816	1 5/16 - 12	30.0 GPM	VC16-2	1.75	0.55	1.50	1.121 / 1.123	60 ft-lbs

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