

PRODUCT



DESCRIPTION

A CARTRIDGE STYLE, POPPET TYPE PILOT TO OPEN CHECK VALVE INTENDED FOR BLOCKING FLUID FLOW.

OPERATION

- FLOW FROM (1) TO (2) IS ALLOWED WITH A STANDARD CRACK PRESSURE OF 30 PSI.
- FLOW FROM (2) TO (1) IS BLOCKED WITH A SPRING BIAS TO ASSIST IN STATIC AND LOW LOAD CONDITIONS.
- THE CARTRIDGE HAS A STANDARD 4:1 PILOT RATIO TO ALLOW FLOW FROM (2) TO (1).

FEATURES

- STEEL BODY AND POPPET.
- INDUSTRY COMMON CAVITY.
- LOW INTERNAL LEAKAGE, 5 DPM MAX.
- SPECIAL PILOT RATIOS AVAILABLE UPON REQUEST.

SPECIFICATIONS

OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250° F TO -40° F
STANDARD CRACK PRESSURE	30 PSI

ORDERING INFORMATION

	17	XX	X	-XX
SERIES NUMBER				
PORT SIZE				
PILOT PISTON TYPE				
BLANK..... UNSEALED				
P..... O-RING SEALED				
BODY PORT SIZE CODE				
BLANK..... CARTRIDGE ONLY				
SERIES CODE.....	SEE "CARTRIDGE BODIES", X-3 SERIES			

MODEL	THREAD	RATED FLOW	CAVITY	L1	L2	HEX	A	B	TORQUE
1706	9/16 - 18	3.0 GPM	FC06-3	1.23	0.27	0.69	0.438 / 0.439	0.467 / 0.468	15 ft-lbs
1708	3/4 - 16	6.0 GPM	VC08-3	1.63	0.37	0.88	0.558 / 0.560	0.621 / 0.623	20 ft-lbs
1710	7/8 - 14	10.0 GPM	VC10-3	1.82	0.43	1.00	0.621 / 0.623	0.683 / 0.685	25 ft-lbs
1712	1 1/16 - 12	20.0 GPM	VC12-3	2.63	0.52	1.25	0.870 / 0.873	0.933 / 0.935	40 ft-lbs
1716	1 5/16 - 12	30.0 GPM	VC16-3	2.88	0.63	1.50	1.058 / 1.060	1.121 / 1.123	60 ft-lbs

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