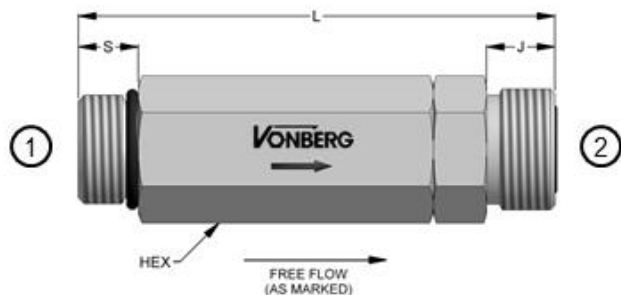
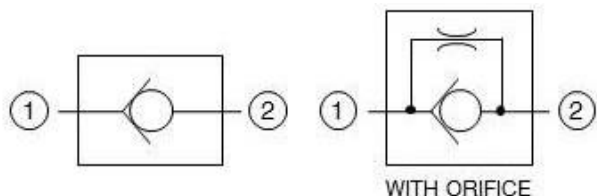


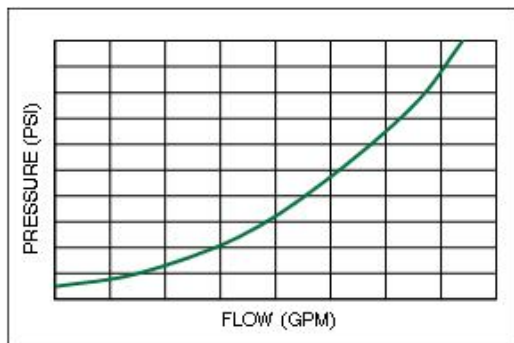
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



DESCRIPTION

AN IN-LINE STYLE, POPPET TYPE 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

- ALUMINUM / STEEL BODY AND STEEL POPPET.
- LOW INTERNAL LEAKAGE, 5 DPM.
- NO INTERNAL PACKINGS.
- LOW PRESSURE DROP.
- 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

	10414	-8	XX	-XX
SERIES NUMBER				
THREAD SIZE				
CRACK PRESSURE (PSI)				
(IF NON-STANDARD)				
ORIFICE DIAMETER (0.001")				
(OPTIONAL)				

MODEL	INLET 1	OUTLET 2	FLOW CAPACITY	L	J	S	HEX
10414-804	-04 SAE - 7/16-20	-04 ORS - 9/16-18	3.0 GPM	2.44	0.38	0.36	0.63
10414-806	-06 SAE - 9/16-18	-06 ORS - 11/16-16	6.0 GPM	2.56	0.44	0.39	0.75
10414-808	-08 SAE - 3/4-16	-08 ORS - 13/16-16	20.0 GPM	3.39	0.50	0.44	0.88
10414-810	-10 SAE - 7/8-14	-10 ORS - 1-14	30.0 GPM	4.07	0.61	0.50	1.13
10414-812	-12 SAE - 1 1/16-12	-12 ORS - 1 3/16-12	40.0 GPM	4.67	0.67	0.60	1.25
10414-816	-16 SAE - 1 5/16-12	-16 ORS - 1 7/16-12	50.0 GPM	5.43	0.69	0.60	1.63

This document, as well as all catalogs, price lists and information provided by Vonberg Valve, Inc., is intended to provide product information for further consideration by users having substantial technical expertise due to the variety of operating conditions and applications for these valves, the user, through its own analysis, testing and evaluation, is solely responsible for making the final selection of the products and ensuring that all safety, warning and performance requirements of the application or use are met. The valves described herein, including without limitation, all component features, specifications, designs, pricing and availability, are subject to change at any time at the sole discretion of Vonberg Valve, Inc. without prior notification.

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