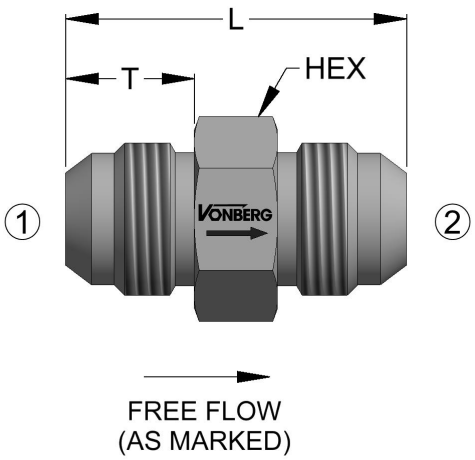
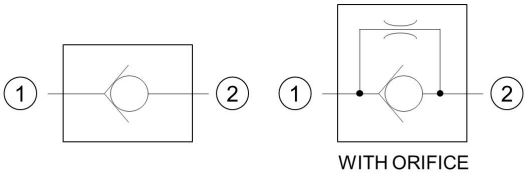
CHECK VALVE - POPPET

DIRECTIONAL VALVES
INLINE
1100 SERIES - HIGH CAPACITY
MALE JIC

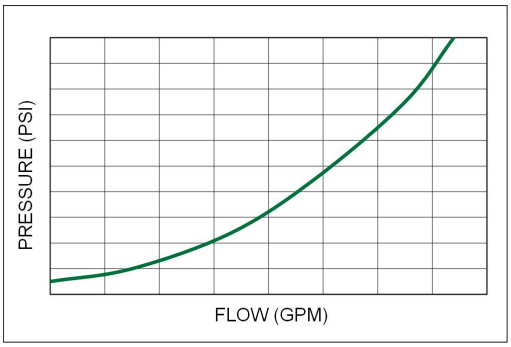
PRODUCT



SCHEMATIC



TYPICAL PERFORMANCE



Download Performance Curve Graphics

DESCRIPTION

AN IN-LINE STYLE 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.

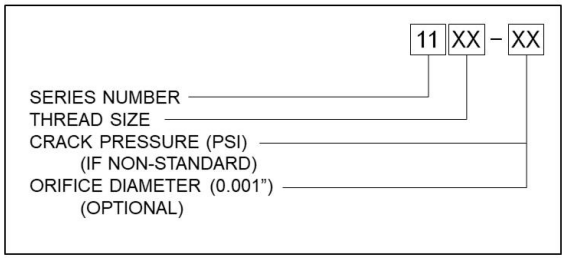
FEATURES

- HIGH FLOW CAPACITY.
- LOW INTERNAL LEAKAGE, 5 DPM.
- NO SNAP-RING.
- STEEL BODY AND POPPET.
- FULLY ENCAPSULATED SPRING.
- SPECIAL CRACK PRESSURES AVAILABLE UPON REQUEST.

SPECIFICATIONS

OPERATING PRESSURE	5000 PSI
STANDARD CRACK PRESSURE	3-5 PSI
TEMPERATURE RANGE	250° F TO -40° F

ORDERING INFORMATION



MODEL	INLET/OUTLET	THREAD	L	T	HEX
1104	-04 JIC	7/16-20	1.45	0.550	0.562
1106	-06 JIC	9/16-18	1.45	0.555	0.750
1108	-08 JIC	3/4-16	1.82	0.655	0.875
1110	-10 JIC	7/8-14	2.00	0.760	1.000
1112	-12 JIC	1 1/16-12	2.45	0.860	1.250
1116	-16 JIC	1 5/16-12	2.60	0.910	1.500
1120	-20 JIC	1 5/8-12	2.75	0.960	1.875

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.

Page last updated: 6/16/20, 11:32 /PM

Vonberg Valve, inc.
Hydraulic Valve Specialists

1380 Norwood Avenue • Itasca, IL 60143 USA © 2015
phone: 847-259-3800 • fax: 847-259-3997 • email: sales@vonberg.com