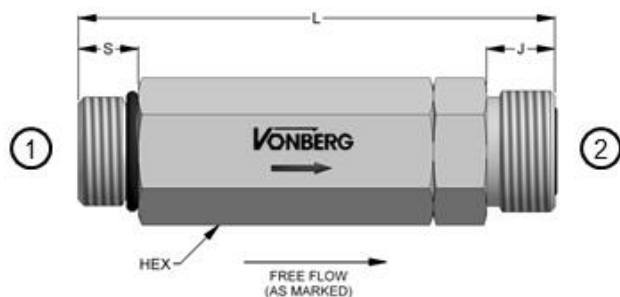


PRODUCT



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

- STEEL BODY.
- HARDENED STEEL POPPET.
- LOW INTERNAL LEAKAGE, 5 DPM
- LOW PRESSURE DROP.
- SPECIAL CRACK PRESSURES AVAILABLE UPON REQUEST.

SPECIFICATIONS

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

ORDERING INFORMATION

| | | | | | | |
|---------------------------|-------|---|---|----|---|----|
| | 15414 | - | 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 |
|-----------|---------------------|---------------------|---------------|------|------|------|------|
| 15414-804 | -04 SAE - 7/16-20 | -04 ORS - 9/16-18 | 3.0 GPM | 2.44 | 0.38 | 0.43 | 0.63 |
| 15414-806 | -06 SAE - 9/16-18 | -06 ORS - 11/16-16 | 6.0 GPM | 2.56 | 0.44 | 0.47 | 0.75 |
| 15414-808 | -08 SAE - 3/4-16 | -08 ORS - 13/16-16 | 20.0 GPM | 3.39 | 0.50 | 0.55 | 0.88 |
| 15414-810 | -10 SAE - 7/8-14 | -10 ORS - 1-14 | 30.0 GPM | 4.07 | 0.61 | 0.63 | 1.13 |
| 15414-812 | -12 SAE - 1 1/16-12 | -12 ORS - 1 3/16-12 | 40.0 GPM | 4.67 | 0.67 | 0.73 | 1.25 |
| 15414-816 | -16 SAE - 1 5/16-12 | -16 ORS - 1 7/16-12 | 50.0 GPM | 5.43 | 0.69 | 0.73 | 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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