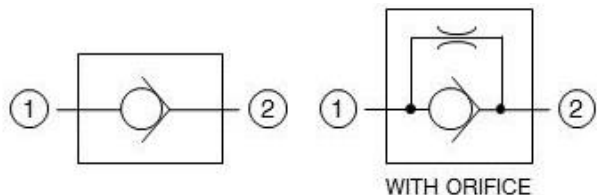


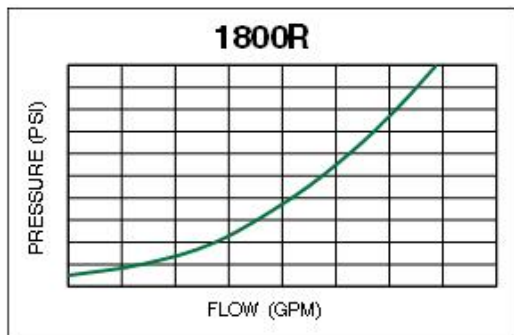
### PRODUCT



### SCHEMATIC



### TYPICAL PERFORMANCE



### DESCRIPTION

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

### OPERATION

- FLOW FROM (2) TO (1) IS ALLOWED WITH A STANDARD CRACK PRESSURE OF 25 PSI.
- FLOW FROM (1) TO (2) IS BLOCKED WITH A SPRING BIAS TO ASSIST IN STATIC AND LOW LOAD CONDITIONS.

### FEATURES

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

### SPECIFICATIONS

OPERATING PRESSURE	3500 PSI
TEMPERATURE RANGE	250° F TO -40° F
STANDARD CRACK PRESSURE	25 PSI

### ORDERING INFORMATION

18 XX R - 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
1804R	7/16 - 20	2.0 GPM	4-2	0.94	0.52	0.56	0.277 / 0.278	10 ft-lbs
1806R	9/16 - 18	4.0 GPM	6-2	0.84	0.52	0.69	0.467 / 0.468	15 ft-lbs
1808R	3/4 - 16	6.0 GPM	8-2	1.10	0.36	0.88	0.495 / 0.497	20 ft-lbs
1810R	7/8 - 14	10.0 GPM	10-2	1.25	0.40	1.00	0.621 / 0.623	25 ft-lbs
1812R	1 1/16 - 12	20.0 GPM	12-2	1.81	0.49	1.25	0.870 / 0.873	40 ft-lbs
1816R	1 5/16 - 12	30.0 GPM	16-2	1.75	0.55	1.50	1.121 / 1.123	60 ft-lbs

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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**Vonberg Valve, inc.**  
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