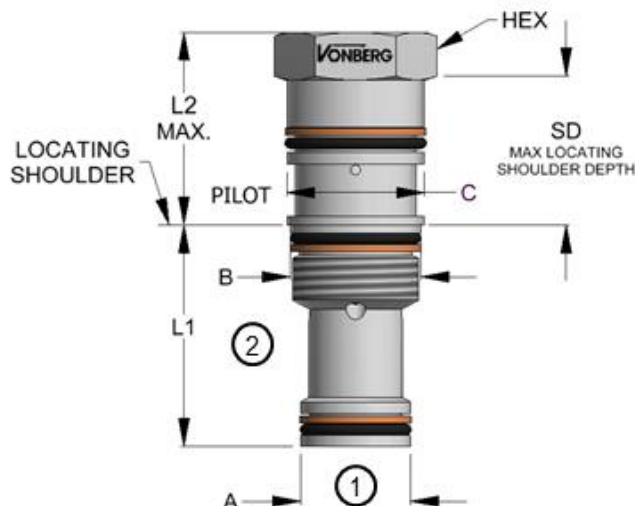


PRODUCT



DESCRIPTION

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

OPERATION

- FLOW FROM (2) TO (1) IS ALLOWED WITH A STANDARD CRACK PRESSURE OF 30 PSI.
- FLOW FROM (1) TO (2) IS BLOCKED WITH A SPRING BIAS TO ASSIST IN STATIC AND LOW LOAD CONDITIONS.
- THE CARTRIDGE HAS A STANDARD 3:1 PILOT RATIO TO ALLOW FLOW FROM (2) TO (1).

FEATURES

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

SPECIFICATIONS

| | |
|-------------------------|------------------|
| OPERATING PRESSURE | 5000 PSI |
| TEMPERATURE RANGE | 250° F TO -40° F |
| STANDARD CRACK PRESSURE | 30 PSI |

ORDERING INFORMATION

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

| MODEL | THREAD | RATED FLOW | CAVITY | L1 | L2 | HEX | A | B | C | SD(MAX) | TORQUE |
|--------|-----------|------------|--------|------|------|-------|-------|-------|-------|---------|-----------|
| 17T163 | M16 X 1.5 | 7.0 GPM | T-163A | 1.21 | 0.98 | 0.750 | 0.513 | 0.654 | 0.701 | 0.68 | 20 ft-lbs |
| 17T11 | M20 X 1.5 | 15.0 GPM | T-11A | 1.38 | 1.20 | 0.875 | 0.685 | 0.809 | 0.857 | 0.90 | 30 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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