

METAL PISTON CHECK VALVES

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Pneuline offers Metal Piston Check Valves perfect for Industrial applications, Power plants, and High-temperature services. Metal Piston Check Valves are Gravitational closure and quick closing.

CLCV SERIES - BRASS CHECK VALVES



The CLCV Series Brass Check Valves have 10-32 inch ports, a Nitrile seal, and a Stainless Steel spring. It permits flow in only one direction and is used for air and hydraulics. The input psi is 300 maximum. The crack pressure is 1/2 psi and the temperature range is 32° F to 230° F. The 1/8-inch valve has a maximum input pressure of 1000 psi. Otherwise, all other attributes are the same as the 10-32 inch valve.

SKU	Description
CLCV-10F10F	January 6, 1900
CLCV-10F10M	10-32 Female to Male Brass Poppet Check Valve
CLCV-10M10M	10-32 Male to Male Brass Poppet Check Valve
CLCV-10M10F	10-32 Male to Female Brass Poppet Check Valve
CLCV-18F	1/8 inch Female to Female Brass Poppet Check Valve

BCV SERIES - BRASS CHECK VALVES



The BCV Series Brass Check Valve has inlet and outlet sizes of 1/4 inch and 3/8 inch Male and Female NPT threads, and 1/4 inch Male Flare. This Check Valve has no elastomer to create a seal. It will have a positive seal only at high back pressure, so some leakage may be past the seat in low-pressure applications. The cracking pressure on the 302 Stainless Steel spring is 1 psi (standard), 3.7, 5, 10, 14 and 18 psi. Maximum operating pressure is 2500 psi and the maximum operating temperature is 180° F.

The **490** Series seal options are Buna-N, EPDM, and Viton®. The cracking pressure on the 302 Stainless Steel spring is 1/2 psi, 1 (standard), 3, 6, 10, 30, 40, 55 and 70 psi. The maximum operating pressure is 3000 psi and the maximum operating temperature is 180° F. These Check Valves are designed for high press applications.

SKU	Description
BCV-14F	1/4 inch FNPT by 1/4 inch FNPT Ball Check Valve
BCV-14FM	1/4 inch FNPT by 1/4 inch MNPT Ball Check Valve
BCV-14M	1/4 inch MNPT by 1/4 inch MNPT Ball Check Valve
BCV-14MF	1/4 inch MNPT by 1/4 inch FNPT Ball Check Valve
BCV-38F	3/8 inch FNPT by 3/8 inch FNPT Ball Check Valve

SKU	Description
BCV-38M	3/8 inch MNPT by 3/8 inch MNPT Ball Check Valve

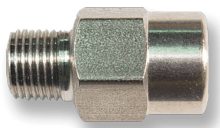
BPCV SERIES



The BPCV Series Brass Piston Check Valves are available in inlet and outlet sizes of 1/4 inch, 1/8 inch, and 3/16 inch barbs. Seal options are Buna-N, EPDM and Viton®. Spring materials are Hastelloy and Stainless Steel but the valve is also available without a spring. The maximum operating pressure is 125 psi. The flow rate is 2.5 SCFM at 50 psi.

SKU	Description
BPCV-2	1/8 inch Barb Brass Piston Check Valve
BPCV-2B-E1	1/8 inch Barb EPDM Piston Check Valve 1 psi
BPCV-5	5/16 Barb Piston Check Valve

PSCV SERIES



The PSCV Series Brass or Stainless Steel Piston Check Valves ensures a positive bubble-tight seal. They have a cracking pressure of 1 psi, a maximum pressure of 500 psi, and a maximum working temperature of 250° F. The standard unit is Brass with a 302 Stainless Steel spring and Steel retainer. Optional springs of 3, 5, 9, 15, 20, 25 psi. Also available in a 316 Stainless Steel body (shown) with a Hastelloy® spring. 1, 3, 15, and 25 psi. Seals available are Buna, EPDM, or FKM.

SKU	Description
PSCV-12F	1/2 FNPT Brass Piston Check Valve with Buna Seal
PSCV-14F	1/4 FNPT Brass Piston Check Valve with Buna Seal
PSCV-14FM	1/4 FNPT 1/4 MNPT Brass Piston Check Valve
PSCV-14M	1/4 MNPT Brass Piston Check Valve
PSCV-18F	1/8 FNPT Brass Piston Check Valve
PSCV-18FM	1/8 FNPT 1/8 MNPT Brass Piston Check Valve

SKU	Description
PSCV-18M	1/8 MNPT Brass Piston Check Valve
PSCV-34F	3/4 FNPT Brass Piston Check Valve
PSCV-38F	3/8 FNPT Brass Piston Check Valve
PSCV-38FM	3/8 FNPT 3/8 MNPT Brass Piston Check Valve
PSCV-18F-SS	1/8 FNPT 316 Stainless Steel Piston Check Valve
PSCV-18FM-SS	1/8 FNPT 1/8 MNPT 316 Stainless Steel Piston Check Valve
PSCV-34F-SS	3/4 FNPT 316 Stainless Steel Piston Check Valve