



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	10-32 Female to Female Brass Poppet Check Valve
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

BPCV SERIES



The BPCV Series Brass Piston Check Valves with nickel plate, are available with 10/32 Female UNF threads. Added to this main configuration is male 10/32 fittings or 1/16, 1/8, 3/32, inch barbs added.

Seal options are Buna-N, EPDM and Viton®. Spring materials are Stainless Steel or Hastelloy. 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. Larger size made from machined brass are 1/8, 3/16, 1/4 and 5/16 barbs. These larger sizes, see optional products in the gallery, will handle 125 PSI.

SKU	Description	Inlet	Outlet
BPCV-1032F-NS	Brass Piston No Spring	10/32 F	10/32 F
BPCV-10M10F-1-B	Brass Piston 1 PSI, Buna Seals	10/32 Male	10/32 Female
BPCV-10M10F-4.5-EPDM	Brass Piston 4.5 PSI EPDM Seals	10/32 Male	10/32 Female

SKU	Description	Inlet	Outlet
BPCV-10F1B-1-EPDM	Brass Piston 1 PSI EPDM Seals	10/32 Female	1/16 Barb
BPCV-332B-10M-H1-V	Brass Piston Check Valve, 1PSI, Hastelloy FKM	3/32 Barb	10/32 Male
BPCV-1B-332B-1-B	Brass Piston 1 PSI EPDM Seals	1/16 Barb	3/32 Barb
BPCV-2B-E1	Brass Piston 1 PSI EPDM Seals	1/8 Barb	1/8 Barb
BPCV-2B-H1-V	Brass Piston Check Valve, 1PSI, Hastelloy FKM	1/8 Barb	1/8 Barb
BPCV-3B3B-E1	Brass Machined 3/16 Piston 1 PSI EPDM	3/16 Barb Machined	3/16 Barb Machined
BPCV-5B5B-H4.5-V	Brass Machined Piston 4.5 Hastelloy FKM	5/16 Barb Machined	5/16 Barb Machined

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
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

