



METAL POPPET CHECK VALVES

METAL POPPET CHECK VALVES

Pneuline offers a range of high-quality metal poppet check valves, expertly engineered to prevent backflow. These valves feature a movable poppet that creates a secure seal against a seat, effectively blocking reverse pressure.

PPCV SERIES



The PPCV Series Brass Poppet Check Valves have equal inlet and outlet sizes of 1/8, 1/4 inch, 3/8 inch, 1/2 inch, 3/4 inch and 1 inch Female NPT threads and 1/2 inch MNPT to 3/8 inch FNPT threads. Seal options are Buna-N, EPDM and Viton®. The cracking pressure on the 302 Stainless Steel spring is 1 psi (standard). Maximum operating pressure is 500 PSI for the 1/8 size and 1200 PSI for all the other sizes. The maximum operating temperature is 180° F. Typical poppet valves require approximately 1/2 PSI back pressure to close. Used in applications requiring high flow at an economical price.

SKU	Description	Maximum Pressure	Seals
PPCV-18M	1/8 inch MNPT Brass Poppet Check Valve	500 PSI	Buna, EPDM, FKM
PPCV-18M14MFL	1/8 inch MNPT to 1/4 Male Flare Brass	500 PSI	Buna, EPDM, FKM
PPCV-14MFL18M	1/4 Male Flare to 1/8 MNPT Brass Poppet Check Valve	500 PSI	Buna, EPDM, FKM
PPCV-14MFL18M-NP	1/4 Male Flare to 1/8 MNPT Nickel Plated Brass Poppet Check Valve	500 PSI	Buna, EPDM, FKM, Neoprene
PPCV-14F	1/4 inch Female Brass Poppet Check Valve	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-14F-1-V	1/4 inch Female Brass Poppet Check Valve	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-14MFL	1/4 Male Flare to 1/4 Male Flare Brass	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-14F14MFL	1/4 FNPT to 1/4 Male Flare Brass	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-38MFL	3/8 Male Flare Brass Poppet Check Valve	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-38F	3/8 FNPT to 3/8 FNPT Brass	1200 PSI	Buna, EPDM, FKM
PPCV-8M6F	1/2 Male to 3/8 Female Brass	1200 PSI	No Seals, Closes at 1/2 PSI
PPCV-6F6F-SS	3/8 FNPT to 3/8 FNPT 316 SS	5000 PSI	No Seals, Closes at 1/2 PSI
PPCV-8F	1/2 inch Female Brass Poppet Check Valve	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-12F	3/4 inch Female Brass	1200 PSI	Buna, EPDM, FKM, Neoprene



SKU	Description	Maximum Pressure	Seals
PPCV-12M	3/4 inch Male 3/4 inch Male Brass	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-1F1F	1 Inch Female to Female Brass	1200 PSI	Buna, EPDM, FKM, Neoprene
PPCV-1F1F-SS	1 Inch Female to Female 316 SS	200 PSI	No seals