

POPPET

PPCV SERIES



The PPCV Series Brass Poppet Check Valve is available with inlet sizes of 1/8, 1/4 inch, 3/8 inch, 1/2 inch, and 3/4 inch Female NPT threads and 3/8 inch and 1/2 inch Male NPT threads. Outlet sizes are 1/4 inch, 3/8 inch, 1/2 inch, and 3/4 inch, 1 Inch Female NPT threads. End body options are 1/4 inch and 3/8 inch Male Flare, and 1/4 inch Female Flare. Seal options are Buna-N, EPDM and Viton®. 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 size. The maximum operating temperature is 180° F. Two sizes of valves, the 3/8 FNPT and the 1 Inch FNPT are available in 303 stainless.

SKU	Description
PPCV-18M	1/8 inch MNPT Brass Poppet Check Valve
PPCV-14MFL	1/4 Male Flare to 1/4 Male Flare Brass Poppet Check Valve
PPCV-18M14MFL	1/8 inch MNPT to 1/4 Male Flare Brass Poppet Check Valve
PPCV-14MFL18M	1/4 Male Flare to 1/8 MNPT Brass Poppet Check Valve
PPCV-14MFL18M-NP	1/4 Male Flare to 1/8 MNPT Nickel Plated Brass Poppet Check Valve
PPCV-14F	1/4 inch Female Brass Poppet Check Valve
PPCV-14F-1-V	1/4 inch Female Brass Poppet Check Valve <1 psi FKM Seals
PPCV-14F14MFL	1/4 FNPT to 1/4 Male Flare Brass Poppet Check Valve
PPCV-38MFL	3/8 Male Flare Brass Poppet Check Valve
PPCV-38MF	3/8 MNPT to 3/8 FNPT Brass Poppet Check Valve
PPCV-38F	3/8 FNPT to 3/8 FNPT Brass Poppet Check Valve
PPCV-12M38F	
PPCV-12F	1/2 inch Female Brass Poppet Check Valve
PPCV-12MF	1/2 inch Male 1/2 inch Female Brass Poppet Check Valve
PPCV-34F	3/4 inch Female Brass Poppet Check Valve
PPCV-34MF	3/4 inch Male 3/4 inch Female Brass Poppet Check Valve

NCV NICKLE PLATED BRASS POPPET CHECK VALVE



The NCV Series Nickel-Plated Brass Poppet Check Valve has options of Buna-N, EPDM or FKM seals. The operating pressure is 0 to 125 psi and the flow rate ranges from 2.5 to 9.5 scfm. Input and output port sizes are 10-32 inch UNF and 1/16 inch Barb.

SKU	Description
NCV-10F10F	10-32 Female to Female Nickel-Plated Poppet Check Valves
NCV-10F10M	10-32 Female to Male Nickel-Plated Poppet Check Valves
NCV-10F1B	10-32 Female 1/16 inch Barb Nickel-Plated Poppet Check Valves
NCV-10M10F	10-32 Male to Female Nickel-Plated Poppet Check Valves
NCV-10M1B	10-32 Male 1/16 inch Barb Nickel-Plated Poppet Check Valves
NCV-1B1B	1/16 inch Barb to 1/16 inch Barb Nickel-Plated Poppet Check Valves

FSPV SERIES - POPPET CHECK VALVES



The FSPV Series Poppet Check Valves come in Black PVDF, Black Polypropylene, and White Polypropylene with a choice of Buna-N, EPDM, Viton® or Kalrez® seal. Standard spring is 302 Stainless Steel with a cracking pressure of 1/3 psi. Optional springs of 1 or 7 psi are available. These high-flow valves can be used in pressures up to 125 psi. Hastelloy spring is optional. The inlet and outlet sizes are Female NPT 1/4 inch, 3/8 inch, 1/2 inch, and 3/4 inch and Male NPT size of 1/2 inch.

SKU	Description
FSPV-12F	1/2 FNPT Poly Poppet Check Valve
FSPV-12F12M	1/2 FNPT by 1/2 MNPT Poly Poppet Check Valve
FSPV-12M12M	1/2 MNPT by 1/2 MNPT Poly Poppet Check Valve
FSPV-12M-HV	1/2 MNPT Valve Hastelloy® FKM Poppet Check Valve
FSPV-14F	1/4 FNPT Poly FKM 302 1 psi Poppet Check Valve
FSPV-14F-.3E-WP	1/4 FNPT White Poly EPDM Seals 1/3 psi Poppet Check Valve
FSPV-14F-HV-1	1/4 FNPT Poly FKM Hastelloy® 1 psi Poppet Check Valve
FSPV-34F	3/4 FNPT Poly FKM Disk 1/3 psi Poppet Check Valve
FSPV-34F-11WC	3/4 FNPT Poly FKM 11" C 1/3 psi Poppet Check Valve
FSPV-34F-5WC	3/4 FNPT Poly FKM 5" WC Poppet Check Valve
FSPV-34F-HV	3/4 FNPT Poly FKM Disk Hastelloy® 1/3 psi Poppet Check Valve
FSPV-34F-HV-.7	3/4 FNPT Poly FKM O-Ring Hastelloy® .7 psi Poppet Check Valve
FSPV-34F-HV-1.5	3/4 FNPT Poly FKM O-Ring Hastelloy® 1.5 psi Poppet Check Valve
FSPV-34F-HV-11WC	3/4 FNPT Poly FKM O-Ring Hastelloy® 11 WC Poppet Check Valve
FSPV-38F	3/8 FNPT Poly FKM 302 1/3 psi Poppet Check Valve

SKU	Description
FSPV-38F-E-9	3/8 FNPT Poly FKM 302 1 psi Poppet Check Valve
FSPV-38F-HV-2	3/8 FNPT Poly Hastelloy® FKM #2 O-Ring Poppet Check Valve



CCV SERIES - POPPET CHECK VALVES

The CCV Series are miniature Poppet Check Valves and Pressure Release Valves available with 1/8 inch Male NPT threads and 1/4 inch compression fittings. The NPT fittings are made of Polypropylene, Nylon and ABS with O-Rings made of Buna-N, EPDM, Viton®, Silicone or Fluorosilicone. The spring pressure is 20 psi. The compression fittings are made of Polypropylene with a .713 OD size.

SKU	Description
CCV-2M14C-1	1/8 MNPT by 1/4 Comp Polypropylene / EPDM 1 psi
CCV-2M14C-1.5	1/8 MNPT by 1/4 Comp Polypropylene / EPDM 1.5 psi
CCV-2M14C-3	1/8 MNPT by 1/4 Comp Polypropylene / EPDM 3 psi
CCV-2M14C-3-PPS	1/8 MNPT by 1/4 Comp Polypropylene / Silicone 3 psi
CCV-2M-3	1/8 MNPT by 1/8 MNPT Polypropylene / EPDM 3 psi
CCV-4C6M-3	1/4 Comp by 3/8 MNPT Polypropylene / EPDM 3 psi
CCV-4M14C-1	1/4 MNPT by 1/4 Comp Polypropylene / EPDM 1 psi
CCV-4M-4	1/4 MNPT by 1/4 MNPT Polypropylene / EPDM 4 psi

INDEX

C

CCV Series - Poppet Check Valves 3

F

FSPV Series - Poppet Check Valves 2

N

NCV NICKLE PLATED BRASS POPPET CHECK VALVE 2

P

PPCV Series 1