



BALL CHECK VALVES

BALL CHECK VALVES

Ball Check Valves can be utilized in many applications. They are used for preventing backflow in a pipeline system.

BLC SERIES-2, 10, 15 PSI



Brass or 303 Stainless.

10-32 Female Threads, 1/8 Nipple available with 2 PSI, 10 PSI, or no spring.

1/4 Nipple is available with 2, and 15 PSI crack pressure or no spring.

1/8 Mnpt to 1/8 Fnpt, or 1/8 Female to 1/8 Male available in 2, or 10 PSI cracking pressure.

1/4 Male to Female NPT or 1/4 Female to 1/4 Male available in 2, or 15 PSI. Also available with no spring.

125 PSI Working pressure for 10-32 all others 200 PSI.

SKU	Description
BLC-1032-10	10-32 Female 10 psi Brass Check Valve
BLC-1032-2	10-32 Female 2 psi Brass Check Valve
BLC-1032	10-32 Female No Spring Brass Check Valve
BLC-1032-SS-10	10-32 Female No Spring 303 SS Check Valve
BLC-1032-SS-2	10-32 Female No Spring 303 SS Check Valve
BLC-1032-SS	10-32 Female No Spring 303 SS Check Valve
BLC-18-10	1/8 Male Nipple 10 psi Brass Check Valve
BLC-18-2	1/8 Male Nipple 2 psi Brass Check Valve
BLC-18-SS-10	1/8 Male Nipple 10 PSI 303 Check Valve
BLC-18-SS-2	1/8 Male Nipple 2 PSI 303 Check Valve
BLC-18-SS	1/8 Male Nipple No Spring 303 Check Valve
BLC-14-15	1/4 inch Male to Male Brass Check Valve 15 psi
BLC-14-2	1/4 inch Male to Male Brass Check Valve 2 psi
BLC-14	1/4 inch Male to Male Brass Check Valve No Spring
BLC-18MF-10	1/8 inch Male to Female Brass Check Valve 10 PSI
BLC-18MF-2	1/8 inch Male to Female Brass 2 PSI Check Valve
BLC-18MF	1/8 inch Male to Female No Spring Check Valve
BLC-18MF-SS-10	1/8 inch Male to Female 303 Stainless Steel 10 psi Check Valve
BLC-18MF-SS-2	1/8 inch Male to Female 303 Stainless Steel 2 psi Check Valve
BLC-18MF-SS	1/8 inch Male to Female 303 Stainless Steel No Spring Check Valve
BLC-14MF-15	1/4 inch Male to Female Brass Check Valve 10 PSI
BLC-14MF-2	1/4 inch Male to Female Brass 2 PSI Check Valve
BLC-14MF	1/4 inch Male to Female No Spring Check Valve
BLC-14MF-15-SS	1/4 inch Male to Female 303 Stainless Steel 15 psi Check Valve
BLC-14MF-2-SS	1/4 inch Male to Female 303 Stainless Steel 2 psi Check Valve
BLC-14MF-SS	1/4 inch Male to Female 303 Stainless Steel No Spring Check Valve
BLC-18FM-10	1/8 inch Female to Male Brass Check Valve 10 PSI

SKU	Description
BLC-18FM-2	1/8 inch Female to Male Brass Check Valve 2 PSI
BLC-18FM	1/8 inch Female to Male Brass Check Valve No Spring
BLC-18FM-10-SS	1/8 inch Female to Male 303 Stainless Check Valve 10 PSI
BLC-18FM-2-SS	1/8 inch Female to Male 303 Stainless Check Valve 2 PSI
BLC-18FM-SS	1/8 inch Female to Male 303 Stainless Check Valve No Spring
BLC-14FM-15	1/4 inch Female to Male Brass Check Valve 15 PSI
BLC-14FM-2	1/4 inch Female to Male Brass Check Valve 2 PSI
BLC-14FM	1/4 inch Female to Male Brass Check Valve No Spring
BLC-14FM-15-SS	1/4 inch Female to Male 303 Stainless Check Valve 15 PSI
BLC-14FM-2-SS	1/4 inch Female to Male 303 Stainless Check Valve 2 PSI
BLC-14FM-SS	1/4 inch Female to Male 303 Stainless Check Valve No Spring

SBCV 2500 SERIES



Brass Ball check valves

Rated at 2500 PSI

Sizes and flow direction

1/4 MNPT by 1/4 MNPT

1/4 MNPT by 1/4 FNPT,

1/4 Male Flare by 1/4 Male Flare. Brass ball checks have 3 selections of seals, Buna, EPDM, or Viton,

Cracking pressure 1-5 PSI or over 5 PSI or No spring

303 Stainless Steel Ball Check Valve

1/4 MNPT by 1/4 MNPT

Product ID	Inlet	Outlet	Spring	Seal
SBVC-4M4M-1-B	1/4 MNPT	1/4 MNPT	1-5 PSI Crack Pressure	Buna

SBCV 2000 SERIES



Ball check valves are available in brass maximum operating pressure of 2000 PSI. 1/2 MNPT or 3/4 FNPT. 1/2 MNPT has seals of Buna/FKM/EPDM, and FKM only for 3/4 valves. Electroless nickel plating is available. Overall cracking pressure is between 1-5 PSI standard. 1/2 Male unit offered in less than 1, or more than 5 PSI. Both units are available without springs.

Par Number	Description	Seals	Opening pressure	Material
SPCV2000 8M8M-V-5	1/2 MNPT by 1/2 MNPT	Viton FKM	Over 5 PSI	Brass
SPCV2000 8M8M-E-1-NP	1/2 MNPT by 1/2 MNPT	EPDM	Less than 1 PSI	Brass Electroless Nickel plate
SPCV2000 8M8M-B-NS	1/2 MNPT by 1/2 MNPT	Buna	N/A	Brass
SPCV2000-12M12M-V-1 to 5	3/4 FNPT by 3/4 FNPT	Viton FKM	Opening between 1 to 5 PSI	Brass

EVCK SERIES- ANTI SIPHON VALVE



Our EVCK Series Anti-Siphon Ball Check Valves for gasoline applications. These Brass valves are available 1/4 NPTF by 1/4, 5/16 or 3/8 Barb, 1/4 NPTF by 1/4 or 3/8,

45 % Male Flare, 1/4 NPTF by 1/4 NPTF and 1/4 NPTF by 1/4 NPTF Female. These 1/4 valves offer a 30 GPH flow at -1.5 PSI

The 3/8 NPTF threads offer a flow of 50 GPH at -1.5 PSI. The sizes are 3/8 Male NPTF by 3/8, 1/2 or 5/8 Hose Barb. 3/8 Male NPTF by 3/8 Male Flare 45%, 3/8 NPTF both ends, and a 3/8 Male NPTF by 3/8 NPTF Female threads.

1/2 Inch connections offer a 75 GPH Flow Rate at -1.5 PSI. Sizes are 1/2 Male NPTF by 3/8 or 1/2 Hose Barb or 1/2 Male NPTF both ends that is available only in brass.

Available in Brass or Aluminium (except Flare fittings) with 300 Stainless Steel ball seats, ball and springs.

SKU	Description
EVCK-4M	1/4 inch Male by 1/4 inch Male Ball Check Valve
EVCK-4M4B-B	1/4 inch Male by 1/4 inch Barb Ball Check Valve
EVCK-4M4B-AL	1/4 Inch Male by 1/4 inch Barb Ball Check Valve Aluminum
EVCK-4M5B	1/4 inch Male by 5/16 inch Barb Ball Check Valve
EVCK-4M6B	1/4 inch Male by 3/8 inch Barb Ball Check Valve
EVCK-4M4F	1/4 inch Male by 1/4 inch Female Ball Check Valve
EVCK-6M	3/8 inch Male by 3/8 inch Male Ball Check Valve
EVCK-6M6B	3/8 inch Male by 3/8 inch Barb Ball Check Valve
EVCK-6M8B	3/8 inch Male by 1/2 inch Barb Ball Check Valve
EVCK-6M10B	3/8 inch Male by 5/8 inch Barb Ball Check Valve
EVCK-6M6F	3/8 inch Male by 3/8 inch Female Ball Check Valve
EVCK-8M	1/2 inch Male by 1/2 inch Male Ball Check Valve (brass only)
EVCK-8M6B-AL	1/2 inch Male by 3/8 inch Barb Ball Check Valve (aluminum only)
EVCK-8M8B	1/2 inch Male by 1/2 inch Barb Ball Check Valve (Brass Only)



CMCV SERIES-VALVED COMPRESSION FITTINGS

The CMCV Series Brass Ball Check Valves are compression fittings. This series has Tube OD of 1/8 inch, 1/4 inch, and 3/8 inch. Male NPT thread sizes of 1/8 inch and 1/4 inch are available. In addition, the working pressure for the 1/8 inch tube OD is 400 psi, for the 1/4 inch it is 300 psi, and for the 3/8 inch, it is 200 psi. Furthermore, the temperature range is -65° F to 250°F at maximum operating pressures.

SKU	Description
CMCV-14C2M	1/4 inch by 1/8 inch NPT 3 psi Brass Compression Check Valve
CMCV-18C2M	1/8 inch Brass 3 psi by 1/8 inch NPT Brass Compression Check Valve
CMCV-2M14C	1/8 inch NPT by 1/4 inch Brass S 3 psi Brass Compression Check Valve
CMCV-2M18C	1/8 inch NPT by 1/8 inch Brass 3 psi Brass Compression Check Valve
CMCV-38C4M	3/8 inch Brass 3 psi by 1/4 inch NPT Brass Compression Check Valve
CMCV-4M38C	1/4 inch NPT by 3/8 inch Brass 3 psi Brass Compression Check Valve

BCV SERIES



The BCV .187 flow thru Series is a Brass Ball Check Valve, with inlet and outlet sizes of 1/4 inch MNPT both ends, 1/4 inch Male Flare both ends. or a 1/4 MNPT to 1/4 FNPT flow only. This Check Valve has no elastomers to create a seal. It will have a positive seal only at high back pressure, so some leakage may bi-pass 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 250° F.

The .280 flow thru series is available in 1/4 or 3/8 inch Male and Female NPT threads, and sealing materials are Buna, EPDM or Fluoroelastomer. 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 250° F for Buna seals. These Check Valves are designed for high press applications up to 3000 PSI.

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