



# 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



The BLC Series are ball checks with 2,10, or 15 PSI springs and No spring. Available in Brass or 303 Stainless Steel.

10-32 Female Check Valve 2 and 10 PSI rated for 125 PSI

1/8 Male to Male available with 2, and 20 PSI

1/4-inch Male to Male check valves with 2 and 15 PSI

1/8- and 1/4-inch Male to Female and Female to Male available in 2, or 15 PSI or No spring.

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

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

## SBCV SERIES



SBCV series Ball check for Air or vacuum.

Electroless nickel plating is available.

Brass Ball check valves requires low back pressure to seal.

Sizes are 1/4 MNPT, 1/4 FNPT, 3/8 MNPT, 3/8 FNPT or combinations of both

1/4 MNPT to 1/4 MNPT

1/4 MNPT to 1/4 FNPT,

3/8 FNPT to 1/4 MNPT

3/8 FNPT to 3/8 FNPT

1/4 Male Flare to 1/4 Male Flare. Brass ball checks have 3 selections of seals, Buna, EPDM, or Viton (R)

Thru hole is .280 for 1/4 valves and .340 for 3/8 Valves

1/2 MNPT, or 1/2 FNPT or either combinations.

3/4 ball check offered only in F by F selection. 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.

Seals of Buna/FKM/EPDM,

	<b>Inlet</b>	<b>Outlet</b>	<b>Seal</b>	<b>Spring</b>
SBCV- 4M4M-B	1/4 MNPT	1/4 MNPT	Buna	1 < PSI Crack Pressure
SBCV-4F4F-B	1/4 FNPT	1/4 FNPT	Buna	1 < PSI Crack Pressure
SBCV-6F6M-B	3/8 FNPT	3/8 MNPT	Buna	1 < PSI Crack Pressure
SBCV-6F6F-E	3/8 FNPT	3/8 FNPT	EPDM	1 < PSI Crack Pressure
SBCV-6F4M-E	3/8 FNPT	1/4 MNPT	EPDM	1 < PSI Crack Pressure
SBCV- 8M8M-V-5	1/2 MNPT	1/2 MNPT	Viton FKM	Over 5 PSI
SBCV-8M8M-E-1-NP	1/2 MNPT	1/2MNPT	EPDM	< 1 PSI Electroplated
SBCV-8M8M-B-NS	1/2 MNPT	Buna	Buna	No Spring
SBCV-12M12M-V-1 to 5	3/4 FNPT	Viton FKM	Viton FKM	Opening between 1 to 5 PSI

## EVCK SERIES- BALL CHECK 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

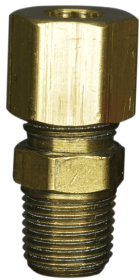
The 3/8 NPTF threads offer a flow of 50 GPH at -1.5 PSI. The sizes are 3/8 Male NPTF by 3/8, 1/2 or 5/8 Hose Barb. 3/8 Male NPTF by 3/8 Male Flare 45%, 3/8 NPTF both ends, and a 3/8 Male NPTF by 3/8 NPTF Female threads.

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.

<b>SKU</b>	<b>Description</b>
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

SKU	Description
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

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