



LCB and LCSS Series Inline Chemical Check Valves Product Data Sheet



Bill of Materials

PART	MATERIAL (BLCB)	MATERIAL (BLCSS)
Body (Female End)	FC Brass Alloy 316 ASTM B-16	T-416 Stainless Steel ASTM A582-95A
Body (Male End)	FC Brass Alloy 316 ASTM B-16	T-416 Stainless Steel ASTM A582-95A
Ball	Chrome Plated Steel*	316 Stainless Steel*
Spring	Inconel	Inconel
Seat	Viton (Fluorocarbon) Rubber**	Viton (Fluorocarbon) Rubber**

Dimensional Data

DIMENSION	MEASUREMENT (1/8" Series)	MEASUREMENT (1/4" Series)
End-to-End Length	2.88"	2.88"
Inlet End Thread Configuration	1/8" NPT Female	1/4" NPT Female
Outlet End Thread Configuration	1/8" NPT Male	1/4" NPT Male
Body Hex Size***	0.75"	0.75"

Application/Order Data

Valve Size	Working Pressure (PSI @ 100° F)	Cracking Pressure (PSI)	Order Number
1/8" BRASS	3000	~ 10 PSI	LCB-1/8-3000
1/4" BRASS	3000	~ 10 PSI	LCB-1/4-3000
1/8" SS	6000	~ 10 PSI	LCSS-1/8-6000
1/4" SS	6000	~ 10 PSI	LCSS-1/4-6000
1/4" SS HEAVY	10000	~ 10 PSI	LCSS-1/4-10000

Other Data

* Ceramic Ball available upon request
 ** Buna-N, Teflon, and other elastomers available upon request
 *** Body Hex Size is 7/8" on 1/4" SS HEAVY