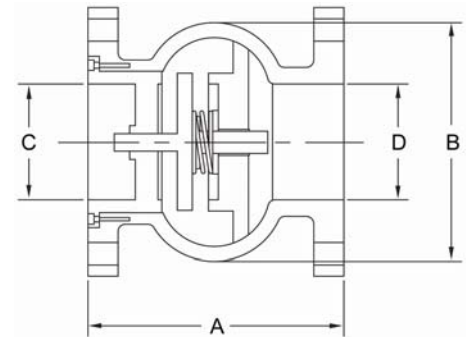
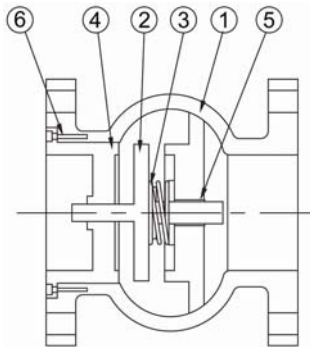


CAST IRON GLOBE STYLE SILENT CHECK VALVES



Model 125FCSIBM – Bronze Disc
Model 125FCSISM – Stainless Steel Disc



FEATURES

- These valves are designed to operate on vertical upward and horizontal flow applications.
- Class 125 flat face flanges in accordance with ASME B16.1.
- Metal to metal seating. Optional resilient seats are available
- Valve cracking pressure is equal to or greater than 0.5 psid

RATINGS

PMO (maximum operating pressure) 2 to 12": 200 psi @ 150°F
125 psi @ 450°F

PMO (maximum operating pressure) 14" to 16": 150 psi @ 150°F
100 psi @ 350°F

Note: Recommended for liquid service only

MATERIALS

Part	Description
(1) Body	A126-B Cast Iron
(2) Plug	B148 C954 Aluminum Bronze or 316 Stainless Steel
(3) Seat *	B148 C954 Aluminum Bronze or 316 Stainless Steel
(4) Spring	316 Stainless Steel
(5) Bushing	B148 C954 Aluminum Bronze or 316 Stainless Steel
(6) Set Screw	300 Series Stainless Steel

* Resilient seat materials are available. Please consult factory.

DIMENSIONS AND WEIGHTS

Size		DIMENSIONS								Flow Coefficient (Cv)	Weight	
		A		B		C		D			kg	lbs
mm	in	mm	in	mm	in	mm	in	mm	in			
50	2	159	6-1/4	121	4-3/4	57	2-1/4	51	2	69	7.3	15
65	2-1/2	178	7	140	5-1/2	67	2-5/8	64	2-1/2	108	10.9	24
80	3	191	7-1/2	162	6-3/8	86	3-3/8	76	3	155	14.5	32
100	4	216	8-1/2	229	9	111	4-3/8	102	4	277	26.8	59
125	5	241	9-1/2	254	10	133	5-1/4	127	5	433	34.1	75
150	6	267	10-1/2	279	11	159	6-1/4	152	6	623	43.6	96
200	8	343	13-1/2	394	15-1/2	213	8-3/8	203	8	1109	80.8	178
250	10	413	16-1/4	457	18	254	10	254	10	1733	127.1	280
300	12	457	18	533	21	305	12	305	12	2495	204.3	450
350	14	478	22-3/4	635	25	337	13-1/4	337	13-3/4	3397	257.9	568
400	16	629	24-3/4	660	26	387	15-1/4	400	15-3/4	4437	381.4	840

ORDERING CODES

	ANSI CLASS	END CONNECTIONS	VALVE TYPE	BODY MATERIAL	SEAT MATERIAL
	125	F	CS	I	BM
Example:	125 – 125 ANSI	F – FF Flanges	CS – Silent Check	I – Cast Iron	BM – Metal-Bronze SM – Metal-Stainless Steel BR – Resilient-Buna-N ER – Resilient-EPDM VR – Resilient-Viton

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice



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