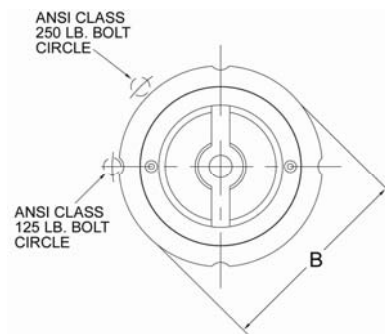
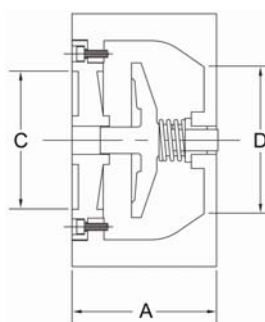
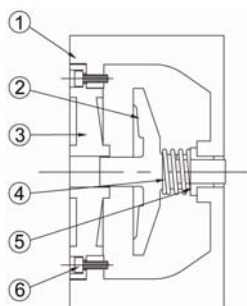


CAST IRON SILENT WAFER CHECK VALVES



Model 125WCSIBM – Bronze Disc
Model 125WCSISM – Stainless Steel Disc



FEATURES

- These valves are designed to operate on vertical upward and horizontal flow applications.
- Suitable for installation between FF flanges only of ANSI class 125/250
- Metal to metal seating. Optional resilient seats are available
- Body meets ASME B16.1
- Valve cracking pressure is equal to or greater than 0.5 psid

RATINGS

PMO (maximum operating pressure) 2 to 6": 400 psi @ 150°F
250 psi @ 400°F

PMO (maximum operating pressure) 8" to 12": 200 psi @ 150°F
150 psi @ 400°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
(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	67	2-5/8	108	4-1/4	51	2	60	2-3/8	57	2.3	5
65	2-1/2	73	2-7/8	127	5	70	2-3/4	73	2-7/8	87	3.6	8
80	3	80	3-1/8	146	5-3/4	83	3-1/4	89	3-1/2	127	4.5	10
100	4	102	4	178	7	102	4	114	4-1/2	228	7.7	17
125	5	121	4-3/4	213	8-3/8	127	5	140	5-1/2	357	12.3	27
150	6	140	5-1/2	248	9-3/4	159	6-1/4	168	6-5/8	432	18.2	40
200	8	165	6-1/2	305	12	213	8-3/8	219	8-5/8	768	40.9	90
250	10	210	8-1/4	406	16	254	10	264	10-3/8	1240	72.6	160
300	12	286	11-1/4	483	19	298	11-3/4	318	12-1/2	1740	154.4	340

- NOTES:**
1. 12" valves are supplied in lug body style
 2. Sizes 2" through 8" can be installed between both ANSI class 125 and 250 flanges. Sizes 10" and 12" can only be installed between 125 class flanges
 3. Full face gaskets are recommended for installation.

ORDERING CODES

	ANSI CLASS	END CONNECTIONS	VALVE TYPE	BODY MATERIAL	SEAT MATERIAL
	125	W	CS	I	BM
Example:	125 – 125/250 ANSI	W – Wafer type L – Lug type (12" only)	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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