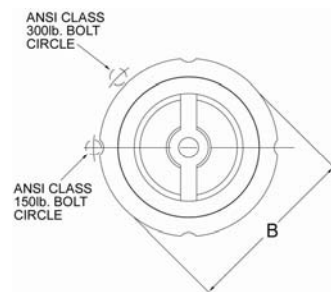
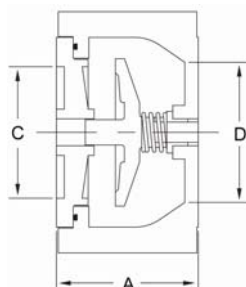
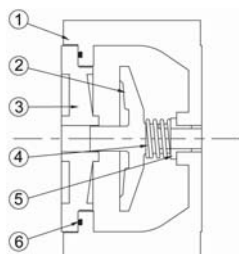


SILENT WAFER CHECK VALVES – Steel / Stn. Stl.



Model 150WCSSSM – Carbon Steel
Model 150WCSSSM – Stainless Steel



FEATURES

- These valves are designed to operate on vertical upward and horizontal flow applications.
- Suitable for installation between RF flanges only of ANSI class 150/300
- Metal to metal seating. Optional resilient seats are available
- Body meets ASME B16.15 and ASME B16.34
- Valve cracking pressure is equal to or greater than 0.5 psid

RATINGS

COLTON MODEL	PMO (Max. Oper. Pressure)
150WCSSSM (Cbn. Stl.) – Sizes 2" to 4"	740 psi @ 100°F 650 psi @ 250°F
150WCSSSM (Cbn. Stl.) – Sizes 5" to 12"	285 psi @ 100°F 250 psi @ 250°F
150WCSSSM (Stn. Stl.) – Sizes 2" to 4"	720 psi @ 100°F 640 psi @ 250°F
150WCSSSM (Stn. Stl.) – Sizes 5" to 12"	275 psi @ 100°F 245 psi @ 250°F

Note: Recommended for liquid service only
Higher temperature ratings are available, please consult factory.

MATERIALS

Part	Model 150WCSSSM (Carbon Steel)	Model 150WCSSSM (Stainless Steel)
(1) Body	A216-WCB	A351-CF8M 316SS
(2) Plug	A351-CF8M 316SS	A351-CF8M 316SS
(3) Seat	A351-CF8M 316SS	A351-CF8M 316SS
(4) Spring	316 Stainless Steel	316 Stainless Steel
(5) Bushing	316 Stainless Steel	316 Stainless Steel
(6) Seat Seal (Opt.)	Buna-N *	Buna-N *

* Other resilient seat materials are available. Please consult factory.

DIMENSIONS AND WEIGHTS

Size		DIMENSIONS								Flow Coefficient (Cv)	Weight	
		A		B		C		D				
mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs	
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. Sizes 2" through 6" can be installed between both ANSI class 150 and 300 flanges. Sizes 8" and larger can only be installed between 150 class flanges

ORDERING CODES

ANSI CLASS	END CONNECTIONS	VALVE TYPE	BODY MATERIAL	SEAT MATERIAL
150	W	CS	S	SM
Example: 150 – 150/300 ANSI	W – Wafer type	CS – Silent Check	S – Carbon Steel SS – Stainless Steel	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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