

For Commercial & Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series CV

Tee Pattern Bronze Check Valves

Sizes 3/8" – 4" (10 – 100mm)

Series CV Tee Pattern Bronze Check Valves are used to prevent reverse fluid flow in commercial, industrial, steam, water, gas or oil lines. Series CV features metal-to-metal seating, IPS threaded end connections and a bronze body.

Features

- Metal-to-metal seating
- 90° straight pattern
- Bronze body
- 3/8" – 4" (10 – 100mm) IPS threaded end connections

Materials List

PART	MATERIAL	ASTM SPEC
*Body	Bronze	ASTM B-584
*Cap	Bronze	ASTM B-584
*Disc	Bronze	ASTM B-584
Hanger Pin	Brass	ASTM B16

*Bronze: ASTM B-584 / UNS-C84400

Dimensions – Weights

SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	A		C		lbs.	kg
		in.	mm	in.	mm		
3/8	10	2 1/16	52	1 1/2	38	.05	.02
1/2	15	2 1/4	57	1 1/2	38	.53	.24
3/4	20	2 3/8	60	1 11/16	43	.67	.30
1	25	2 3/4	70	1 15/16	49	1.01	.46
1 1/4	32	3 1/4	83	2 3/16	55	1.54	.70
1 1/2	40	3 3/8	92	2 5/16	58	1.94	.88
2	50	4 1/4	108	2 7/8	73	3.21	1.46
2 1/2	65	5 1/2	140	3 1/2	89	6.00	2.72
3	80	5 7/8	149	3 3/4	95	7.90	3.58
4	100	7 1/4	184	4 1/2	114	13.00	5.90

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



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ES-CV 0942

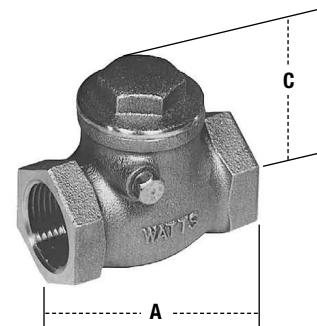


Pressure – Temperature

- 3/8" – 2" (10-50mm): 125psi (8.6 bar) WSP/200 (13.8 bar) WOG non-shock
- 2 1/2" – 4" (65 – 100mm): 150psi (10.3 bar) WSP/300 (20.7 bar) WOG non-shock

Specifications

Valve shall be manufactured using ASTM B-584 bronze and be pressure rated to 125psi WSP, 200psi WOG non-shock sizes 3/8" – 2" (10 – 50 mm). Sizes 2 1/2" - 4" (65 – 100 mm) valves are pressure rated: 150psi WSP, 300psi WOG non-shock. Valves to feature metal-to-metal seating, tee pattern design and IPS threaded end connections. Valve shall be a Watts Series CV check valve.



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