



## WCS Series Carbon Steel Wafer Check Valve Product Data Sheet



### Dimensional Data

Valve Size	ANSI Class	OD (in)	ID (in)	Body Thickness (in)	Weight (lbs)	Order Number
2"	150	4.13	1.00	0.75	3	WCS-2-150
	300	4.38		0.75	3	WCS-2-300
	600	4.38		0.75	3	WCS-2-600
	900	5.63		0.75	5	WCS-2-900
	1500	5.63		0.75	6	WCS-2-1500
3"	150	5.38	1.75	0.75	4	WCS-3-150
	300	5.63		0.75	5	WCS-3-300
	600	5.63		0.75	5	WCS-3-600
	900	6.63		0.75	7	WCS-3-900
	1500	6.88		0.88	10	WCS-3-1500
4"	150	6.88	2.63	0.75	7	WCS-4-150
	300	7.13		0.75	7	WCS-4-300
	600	7.63		0.88	10	WCS-4-600
	900	8.13		0.88	12	WCS-4-900
	1500	8.25		1.25	17	WCS-4-1500
6"	150	8.75	4.38	0.75	13	WCS-6-150
	300	9.88	4.38	0.88	15	WCS-6-300
	600	10.50	4.00	1.13	22	WCS-6-600
8"	150	11.00	6.00	1.13	26	WCS-8-150
	300	12.13	6.00	1.13	30	WCS-8-300
	600	12.63	5.00	1.50	40	WCS-8-600
10"	150	13.38	7.75	1.13	37	WCS-10-150
	300	14.25	7.75	1.50	54	WCS-10-300
	600	15.75	6.88	2.25	110	WCS-10-600
12"	150	16.13	9.50	1.50	71	WCS-12-150
	300	16.63	9.50	2.00	97	WCS-12-300
	600	18.00	8.50	2.38	145	WCS-12-600

### Bill of Materials

Part	Material	Number Required
Body	1018 Carbon Steel	1
Clapper (2" 150 Thru 6" 300)	CF8M Stainless Steel	1
Clapper (6" 600 and Above)	WCB Carbon Steel	1
Seals	Viton (S) Buna-N (O) Teflon (O)	1

### Additional Information

Maximum Operating Temperature	
Buna-N Seal	250° F
Viton Seal	450° F
Teflon	500° F

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