

## SERIES WC

ANSI 150-300-600-900-1500-2500

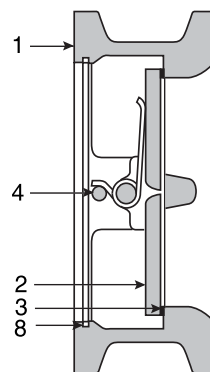
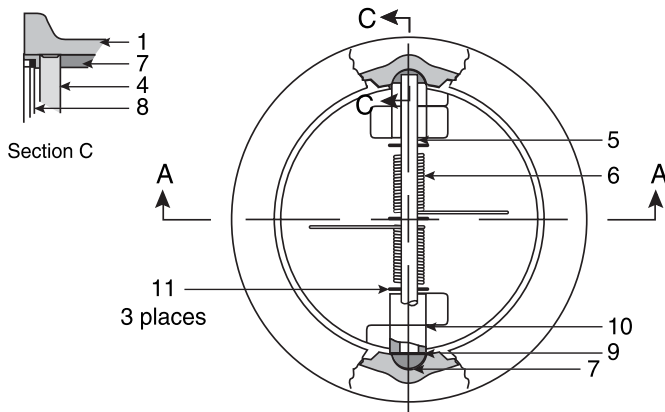
## WAFER CHECK VALVES

### DESCRIPTION:

Lug Style valves cover the bolting the entire length of the body. Lug valves are furnished in scallop and full body designs. Scallop is furnished whenever possible to keep weight to a minimum. These valves are standard retainerless design. Lug valves are furnished with thru-hole bolting in accordance with API 594. Threaded bolt holes are available when however, valve should not be used for dead end service.



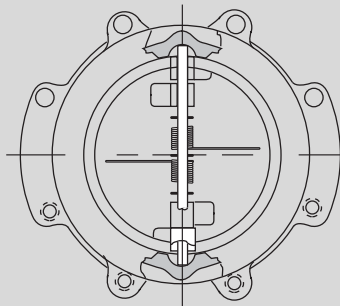
Item No.	Part No.
1	Body
2	Plate
3	Seal
4	Stop Pin
5	Hinge Pin
6	Spring
7	Pin Insert
8	Snap Ring
9	Body Bearing
10	Plate Bearing
11	Spring Bearing



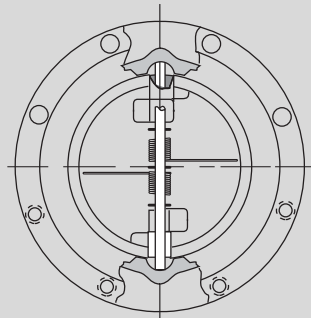
Flow Direction

This view is rotated 90° to show the actual operating position of the valve. The pin must be vertical for horizontal flow.

Section A

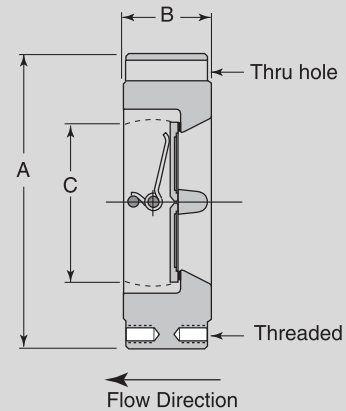


Scallop



Full Body

Pin must be vertical for horizontal flow.



Flow Direction

### ASME Class 150

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	6	152	2 3/8	60	1 15/16	49	17	8
2 1/2"	65	7 1/2	191	2 5/8	67	2 11/32	60	17	8
3"	80	8 1/4	210	2 7/8	73	2 29/32	74	17	8
4"	100	9	229	2 7/8	73	3 53/64	97	28	13
5"	125	10	254	3 3/8	86	4 13/16	122	36	16
6"	150	11	279	3 7/8	98	5 49/64	146	48	22

### ASME Class 900

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	8 1/2	216	2 3/4	70	1 11/16	43	37	17
3"	80	9 1/2	241	3 1/4	83	2 5/8	67	57	26
4"	100	11 1/2	292	4	102	3 1/16	87	98	45
6"	150	15	381	6 1/4	159	5 3/16	132	252	114
8"	200	18 1/2	470	8 3/8	206	6 13/16	173	441	200
10"	250	21 1/2	546	9 1/2	241	8 1/2	216	787	357

### ASME Class 300

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	6	152	2 3/8	60	1 15/16	49	18	8
2 1/2"	65	7 1/2	191	2 5/8	67	2 11/32	60	22	10
3"	80	8 1/4	210	2 7/8	73	2 29/32	74	30	14
4"	100	10	254	2 7/8	73	3 53/64	97	36	16
5"	125	11	279	3 3/8	86	4 13/16	122	51	23
6"	150	12 1/2	318	3 7/8	98	5 49/64	146	84	38
8"	200	15	381	5	127	7 5/8	194	135	61
10"	250	17 1/2	445	5 3/4	146	9 9/16	243	270	123

### ASME Class 1500

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	8 1/2	216	2 3/4	70	1 11/16	43	37	17
3"	80	10 1/2	267	3 3/4	83	2 5/8	67	70	32
4"	100	12 1/4	311	4	102	3 7/16	87	112	51
6"	150	15 1/2	394	6 1/4	159	5 3/16	132	262	119
8"	200	19	483	8 1/8	206	6 13/16	173	488	221
10"	250	23	584	9 3/4	248	8 1/2	216	917	416
12"	300	26 1/2	673	12	305	10 1/8	257	1425	646
14"	350	29 1/2	749	14	356	11 1/2	292	2045	928
16"	400	32 1/2	826	15 1/8	384	12 13/16	325	2600	1179
18"	450	36	914	18 7/16	468	13 3/4	349	3883	1761
20"	500	38 3/4	984	21	533	14 3/4	348	5700	2580
24"	600	46	1168	22	559	15 1/8	384	7150	3236

### ASME Class 600

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	6	152	2 3/8	60	1 15/16	49	18	8
2 1/2"	65	7 1/2	191	2 5/8	67	2 11/32	60	22	10
3"	80	8 1/4	210	2 7/8	73	2 29/32	74	30	14
4"	100	10 3/4	273	3 1/8	79	3 53/64	97	50	23
6"	150	14	356	5 3/8	137	5 49/64	146	183	83
8"	200	16 1/2	419	6 1/2	165	7 5/8	194	295	134
10"	250	20	508	8 3/8	213	9 9/16	243	540	245

### ASME Class 2500

Size		A		B		C		Weight	
in	mm	in	mm	in	mm	in	mm	lbs.	kg.
2"	50	9 1/4	235	2 3/4	70	1 11/16	43	48	22
3"	80	12	305	3 3/8	86	2 5/8	67	93	42
4"	100	14	356	4 1/8	105	3 7/16	87	152	69
6"	150	19	483	6 1/4	159	5 3/16	132	386	175
8"	200	21 3/4	552	8 1/8	206	6 13/16	173	682	309
10"	250	26 1/2	673	10	254	8 1/2	216	1233	559
12"	300	30	762	12	305	10 1/8	257	1881	853