

# 250 PSI WWP UL/FM Butterfly Valves

Fire Protection Valve • Wafer or Lug Style Body • Molded in Seat •  
Accepts Internal Supervisory Switches • Mates with C.I. Class 125/Steel Class 150 Flanges

## 250 PSI/17.2 Bar Non-Shock Cold Water

DESIGNED TO COMPLY WITH MSS SP-67 • UL/ULC LISTED • FM APPROVED •  
2" - 12" UL/FM LISTED FOR INDOOR AND OUTDOOR SERVICE • APPROVED BY  
NEW YORK CITY MEA 90-07-E • CALIFORNIA STATE FIRE MARSHAL  
LISTING NO. 7770-1243:104 • U.S. COAST GUARD "Category A"



### MATERIAL LIST

PART	SPECIFICATION
1. Stem	Stainless Steel ASTM 582 Type 416
2. Collar Bushing	Brass ASTM B124
3. Upper Bushing	Copper Alloy CDA 122
4. Stem Seal	EPDM
5. Body Seal	EPDM
6. Disc	Ductile Iron ASTM 395 (Nickel Plated)
7. Liner	EPDM
8. Lower Bushing	Copper Alloy CDA 122
9. Nameplate	Aluminum
10. Body	Ductile Iron ASTM A536
11. Gear Operator	Cast Iron and Steel
12. Indicator Flag	Cast Iron
13. Handwheel	Cast Iron

\*\*8 version has two factory mounted internal supervisory switches.  
-4 version has no switches.

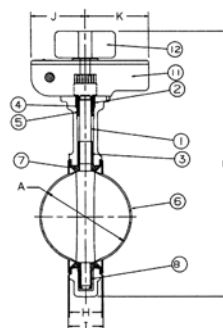
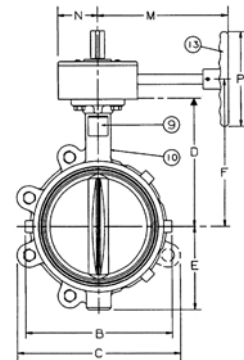
Note: Wafer body will mate with ANSI or ISO flanges. O.D. of wafer body notched to fit ISO bolt circle.  
For dead-end service use lug style (rated 200 PSI for this service).

### WD3510-8\*\*

Wafer  
(4" Shown)

### LD3510-8\*\*

Lug  
(Not Shown)



(10" Shown)

### DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										
	A	B	C	D	E	F	G	H	I	J	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	
2	50 2.53	64 4.88	124 4.62	117 5.38	137 2.88	73 6.89	175 12.75	324 1.68	43 1.81	46 2.91	74 7.4
2½	65 2.90	74 5.62	143 5.12	130 5.88	149 3.25	83 7.36	187 13.63	346 1.81	46 1.94	49 2.91	74 7.4
3	80 3.17	81 6.12	155 5.50	140 6.12	155 3.38	86 7.60	193 14.00	356 1.81	46 1.94	49 2.91	74 7.4
4	100 4.17	106 7.00	178 8.25	210 6.88	175 4.00	102 8.39	213 15.38	391 2.06	52 2.19	56 2.91	74 7.4
5	125 5.17	131 8.25	210 9.38	238 7.38	187 4.75	121 8.86	225 16.63	422 2.19	56 2.31	59 2.91	74 7.4
6	150 6.17	157 9.25	235 10.25	260 8.00	203 5.25	133 9.49	241 17.75	451 2.19	56 2.31	59 2.91	74 7.4
8	200 8.17	208 11.62	295 12.38	314 9.25	235 6.50	165 10.75	273 20.25	514 2.38	60 2.50	64 2.91	74 7.4
10	250 10.17	258 14.25	362 15.50	394 10.50	267 8.00	203 12.28	312 23.50	597 2.68	69 2.81	71 3.90	99 9.9
12	300 12.17	309 16.75	425 18.25	464 12.00	305 9.25	235 13.78	350 26.25	667 3.00	76 3.12	79 3.90	99 9.9

Size	Dimensions				Flange/Stud Data				Weight		
	K	M	N	P	Dia	Wafer	Lug	BC	Lug	Wafer	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	No.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Lbs. Kg.
2	50 3.54	90 5.82	148 2.13	54 5.9	150 4	5/8 16	4.00 101	1.25 32	4.75 121	23 11	21 10
2½	65 3.54	90 5.82	148 2.13	54 5.9	150 4	5/8 16	4.25 108	1.50 38	5.50 140	25 11	24 11
3	80 3.54	90 5.82	148 2.13	54 5.9	150 4	5/8 16	4.25 108	1.50 38	6.00 152	26 12	24 11
4	100 3.54	90 5.82	148 2.13	54 5.9	150 8	5/8 16	5.00 127	2.00 51	7.50 191	31 14	27 12
5	125 3.54	90 7.64	194 2.13	54 5.9	150 8	3/4 20	5.25 133	2.00 51	8.50 216	37 17	31 14
6	150 3.54	90 7.64	194 2.13	54 5.9	150 8	3/4 20	5.25 133	2.00 51	9.50 241	40 18	34 15
8	200 3.54	90 7.91	201 2.13	54 9.8	250 8	3/4 20	5.75 146	2.25 57	11.75 298	55 25	49 22
10	250 3.98	101 9.49	241 3.03	77 18.0	457 12	7/8 22	6.25 159	2.50 64	14.25 362	95 43	78 35
12	300 3.98	101 9.49	241 3.03	77 18.0	457 12	7/8 22	6.75 171	2.50 64	17.00 432	123 56	103 47

