

# 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

- CONFORMS TO 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 WITH APPROPRIATE NYC INDICATOR •
- CALIFORNIA STATE FIRE MARSHAL LISTING NO. 7770-1243:104 •
- U.S. COAST GUARD "Category A"



**WD3510-8\*\***

Wafer  
(4" Shown)

**LD3510-8\*\***

Lug  
(Not Shown)

### MATERIAL LIST

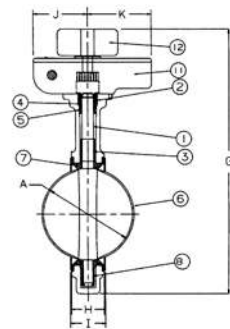
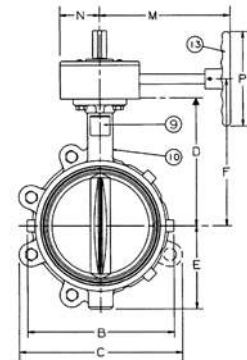
PART	SPECIFICATION
1. Stem	Stainless Steel ASTM 582 Type 416
2. Collar Bushing	Brass ASTM B124
3. Upper Bushing	Copper Alloy CDA 122
4. Stem Seal	EPDM
5. Body Seal	EPDM
6. Disc	Ductile Iron ASTM 395 (Nickel Plated)
7. Liner	EPDM
8. Lower Bushing	Copper Alloy CDA 122
9. Nameplate	Aluminum
10. Body	Ductile 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. 2" thru 8" uses switch TS-4.  
-4 version less switches.

Note: Wafer body will mate with ANSI or ISO flanges. O.D. of wafer body notched to fit ISO bolt circle.

Lug body available with ISO flange dimensions and metric bolt hole threads.

For dead-end service use lug style (rated 200 PSI for this service).



(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 6.62	117 5.38	137 2.88	73 6.89	175 12.75	324 1.68	43 1.81	46 2.91	74 1.91	
2½	65 2.90	74 5.62	143 5.12	130 9.38	238 7.38	187 4.75	121 8.86	225 16.63	422 2.19	56 2.31	59 2.91	74 1.91
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 1.91	
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 1.91	
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 1.91	
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 1.91	
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 1.91	
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 3.90	
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 3.90	

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	½ 16 4.00	101 1.25	32 4.75	121 23	11 21	10 10
2½	65 3.54	90 5.82	148 2.13	54 5.9	150 4	½ 16 4.25	108 1.50	38 5.50	140 25	11 24	11 11
3	80 3.54	90 5.82	148 2.13	54 5.9	150 4	½ 16 4.25	108 1.50	38 6.00	152 26	12 24	11 11
4	100 3.54	90 5.82	148 2.13	54 5.9	150 8	½ 16 5.00	127 2.00	51 7.50	191 31	14 27	12 12
5	125 3.54	90 7.64	194 2.13	54 5.9	150 8	¾ 20 5.25	133 2.00	51 8.50	216 37	17 31	14 14
6	150 3.54	90 7.64	194 2.13	54 5.9	150 8	¾ 20 5.25	133 2.00	51 9.50	241 40	18 34	15 15
8	200 3.54	90 7.91	201 2.13	54 9.8	250 8	¾ 20 5.75	146 2.25	57 11.75	298 55	25 49	22 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 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 47

