

# 250 PSI WWP UL/FM Butterfly Valves

Designed for normally closed position monitoring

Fire Protection Valve • Lug or Wafer Style Body • Factory Mounted Monitoring Switches • Mates with C.I. Class 125 and Steel Class 150 Flanges



## 250 PSI/17.2 bar non-shock cold water

THIRD PARTY CERTIFIED BY QAI TO MEET MSS SP-67 STANDARD •  
UL/ULC LISTED\*\* • FM APPROVED\*\*  
2½" - 8" UL LISTED FOR INDOOR AND OUTDOOR SERVICE

**Warning: these valves are not to be used between the water source and sprinkler head.**

### MATERIAL LIST

PART	SPECIFICATION
1. Stem	Stainless Steel ASTM 582 Type 416
2. Collar Bushing	Brass ASTM B16
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

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).

Comes with two factory mounted internal supervisory switches. Use switch Figure No. TS-4. See page 4 of I & M manual for installation & wiring instructions



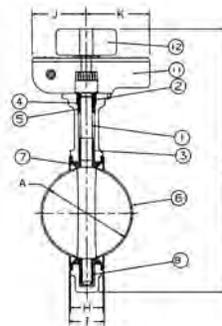
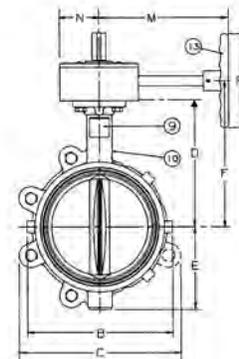
LD-3510-C-8



WD-3510-C-8

### 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.	In. mm.	
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		
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		
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		
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		
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		



Size	Dimensions				No.	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.
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
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

\*\*Compliance with standards for butterfly valves for fire protection UL1091 & FM1112

Visit our website for the most current information.