

250 PSI WWP UL/FM Butterfly Valves

Fire Protection Valve • Wafer or Lug Style Body • Molded-In Seat •

Accepts Internal Supervisory Switches

250 PSI/17.2 bar non-shock cold water



THIRD PARTY CERTIFIED BY QAI TO MEET MSS SP-67 STANDARD • UL/ULC LISTED • FMRC APPROVED • UL LISTED FOR INDOOR AND OUTDOOR SERVICE • CALIFORNIA STATE FIRE MARSHAL LISTING NO. 7770-1243:104 • U.S. COAST GUARD "CATEGORY A" • CERTIFIED LEAD-FREE* BY TRUESDAIL LABS TO ANSI 372



LD-3510-8**

Lug
(Not Shown)

WD-3510-8**

Wafer
(4" Shown)

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

** -8 version has two factory mounted internal supervisory switches.

-4 version no switches.

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

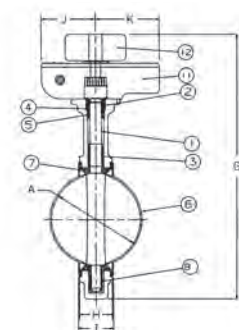
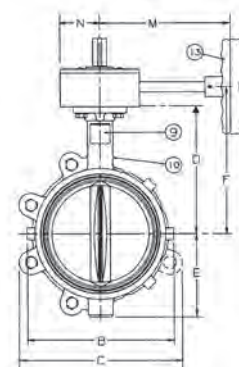
Lug body available with ISO flange dimensions and metric bolt hole threads.

For dead-end service use lug style (rated 250 PSI for this service).

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions											
Size	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.
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	
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	
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	
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	
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	
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	

Dimensions										Flange/Stud Data				Weight					
Size	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	Refer to butterfly valve technical information for bolt lengths	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		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		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		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		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		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		11.75	298	55	25	49	22	
10 250	3.98	101	9.49	241	3.03	77	18.0	300	12	7/8	22		14.25	362	95	43	78	35	
12 300	3.98	101	9.49	241	3.03	77	18.0	300	12	7/8	22		17.00	432	123	56	103	47	



(10" Shown)

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

*Weighted average lead content ≤ 0.25%

Visit our website for the most current information.