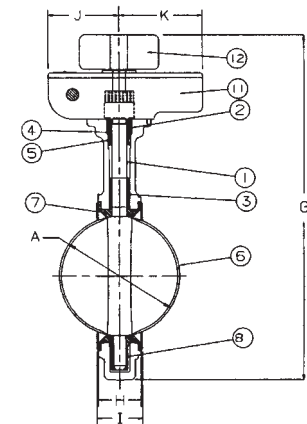
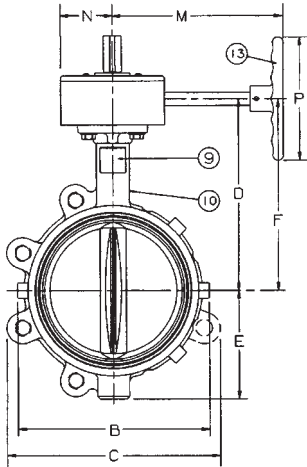




UL/FM butterfly valve

Fire Protection Valve • UL Listed • FMRC Approved • 2" - 8" UL Listed for Indoor and Outdoor Service • 10" & 12" for Indoor Service Only • Approved by New York City B.S.A. 612-87-SM • California State Fire Marshal Listing No. 7770-1243:104 • Conforms to MSS SP-67
Wafer or Lug style body • Molded in seat • **Accepts internal and external supervisory switches**

250 PSI Non-Shock Cold Water



(10" 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	Nitrile (Buna-N)
5. Body Seal	Nitrile (Buna-N)
6. Disc	Ductile Iron ASTM-395 (Nickel Plated)
7. Liner	Nitrile (Buna-N)/EPDM
8. Lower Bushing	Copper Alloy, CDA 122
9. Nameplate	Aluminum
10. Body	Ductile Iron, ASTM (A-536)
11. Gear Operator	Cast Iron and Steel
12. Indicator Flag	Cast Iron
13. Handwheel	Cast Iron
14. Switch Box*(not shown)	Aluminum

*10" and 12" sizes only.

** -8 version has two factory mounted internal supervisory switches.
2" thru 8" uses switch TS-3. 10" thru 12" uses switch TS-1.
Refer to pages 44 and 46 for detailed specifications.
-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. See page 49.

NOTE: Lug body available with ISO flange dimensions and metric bolt hole threads. See page 48.

NOTE: See page 24 & 25 for indicator post accessory.

NOTE: For dead-end service use lug style (rated 200 psi for this service).



WD3510-8**

wafer
(4" Shown)

LD3510-8**

lug
(Not Shown)

VALVE ASSEMBLY

DIMENSIONS - WEIGHTS

Size	A	B	C	D	E	F	G	H	I	J	K	M	N	P	Flange/Stud Data			Approx. Net Wt. Lug	Approx. Net Wt. Wafer		
															No.	Dia.	Length				
2"	2.53	4.88	4.62	5.38	2.88	6.63	13.75	1.68	1.81	3.62	1.88	8.0	2.56	6.0	4	5/8	4	1 1/4	4 3/4	21.8	20.8
2 1/2"	2.90	5.62	5.12	5.88	3.25	7.15	14.62	1.81	1.94	3.62	1.88	8.0	2.56	6.0	4	5/8	4 1/4	1 1/2	5 1/2	23.8	22.8
3"	3.17	6.12	5.50	6.12	3.38	7.37	15.00	1.81	1.94	3.62	1.88	8.0	2.56	6.0	4	5/8	4 1/4	1 1/2	6	24.3	23.3
4"	4.17	7.00	8.25	6.88	4.00	8.13	16.38	2.06	2.19	3.62	1.88	8.0	2.56	6.0	8	5/8	5	2	7 1/2	29.8	26.8
5"	5.17	8.25	9.38	7.38	4.75	8.63	17.61	2.19	2.31	3.62	1.88	8.0	2.56	6.0	8	3/4	5 1/4	2	8 1/2	33.8	29.8
6"	6.17	9.25	10.25	8.00	5.25	9.25	18.75	2.19	2.31	3.62	1.88	8.0	2.56	6.0	8	3/4	5 1/4	2	9 1/2	38.8	32.8
8"	8.17	11.62	12.38	9.25	6.50	10.50	21.25	2.38	2.50	3.62	1.88	8.0	2.56	6.0	8	3/4	5 1/4	2 1/4	11 3/4	50.9	44.6
10"	10.17	14.25	15.50	10.50	8.00	12.13	24.62	2.68	2.81	4.38	3.00	8.0	2.78	9.0	12	7/8	6 1/4	2 1/2	14 1/4	83.8	73.0
12"	12.17	16.75	18.25	12.00	9.25	13.63	27.44	3.00	3.12	4.38	3.00	8.0	2.78	14.0	12	7/8	6 1/4	2 1/2	17	114.3	99.3

NOTE - FOR USE WITH CAST IRON CLASS 125/STEEL CLASS 150 FLANGES

