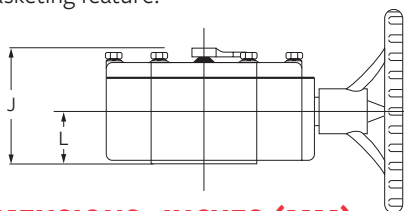


AWWA BUTTERFLY VALVE

PRODUCT FEATURES

- 3" – 20"/DN80 – DN500.
- Body Style: Model 2FII Butterfly Valve – Flanged x Flange Ends; MKII Butterfly Valve – Wafer-type.
- Pressure Class 150B per AWWA Standard C504.
- Working pressure: 150psig/10barg.
- Rubber Seat: Model 2FII Flanged Butterfly Valve – bonded seat-in-body design; MKII Wafer Butterfly Valve – bonded seat-in-body extends over inner surface to form self-gasketing feature.



ACTUATION OPTIONS

- Pratt hand lever.
- MDT manual actuator with AWWA nut, handwheel or chainwheel.
- Pratt Dura-Cyl® hydraulic or pneumatic cylinder.
- Pratt Positron® electric actuator.
- Other actuator options available.



2FII FLANGED BUTTERFLY VALVE



MKII WAFER BUTTERFLY VALVE

ACTUATOR DIMENSIONS - INCHES (MM)

VALVE SIZE	MDT SIZE	J	L	M	N	P
3" – 12"/DN80 – DN300	MDT-2	4 ¹¹ / ₁₆ (119)	2 (51)	2 ¹ / ₈ (54)	2 (51)	4 ¹ / ₂ (114)
14" & 16"/DN350 & DN400	MDT-3	5 ⁵ / ₈ (143)	2 ⁷ / ₁₆ (62)	3 ¹ / ₄ (83)	3 ⁵ / ₃₂ (80)	5 ⁵ / ₈ (143)
18" & 20"/DN450 & DN500	MDT-4	6 ³ / ₈ (162)	2 ²⁷ / ₃₂ (72)	3 ³ / ₈ (86)	4 (102)	7 ⁵ / ₁₆ (186)

ACTUATOR DIMENSIONS - INCHES (MM)

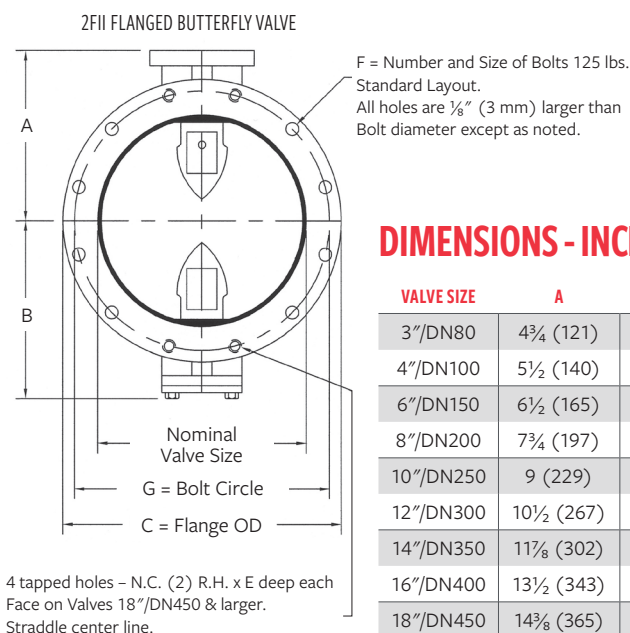
VALVE SIZE	MDT SIZE	Q	R	S	T	V	W	# TURNS TO CLOSE
3" – 12"/DN80 – DN300	MDT-2	4 ¹ / ₄ (108)	7 ⁵ / ₈ (194)	7 ⁷ / ₈ (200)	7 ⁷ / ₈ (200)	8 (203)	9 ¹ / ₈ (232)	32
14" & 16"/DN350 & DN400	MDT-3	5 ⁵ / ₈ (143)	9 ¹ / ₄ (235)	10 ¹ / ₂ (267)	10 (254)	12 (305)	9 ¹ / ₈ (232)	30
18" & 20"/DN450 & DN500	MDT-4	6 ³ / ₄ (171)	10 ¹ / ₂ (267)	11 ¹ / ₂ (292)	11 (279)	12 (305)	9 ¹ / ₈ (232)	40

SPECIFICATIONS FOR MATERIAL OF CONSTRUCTION

VALVE MODEL	BODY	SEAT	DISC	SHAFT
2FII/MKII 3" - 6"	ASTM A126, Class B Cast Iron*	Buna-N**	CF8M or Nickel Al/Bz (6")	Stainless Steel, Type 304
2FII 8" - 20"	ASTM A536, (65-45-12) Ductile Iron	Buna-N**	Cast Iron/316 Edge or Nickel Al/Bz	Stainless Steel, Type 304
MKII 8" +	ASTM A536, (65-45-12) Ductile Iron	Buna-N**	Cast Iron/316 Edge	Stainless Steel, Type 304

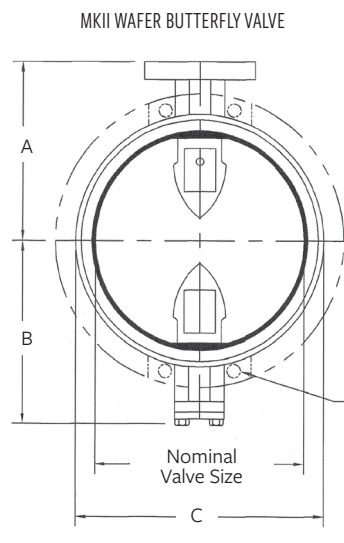
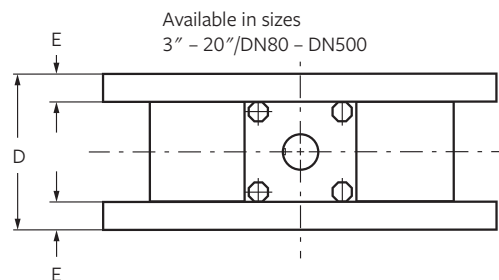
* Model 2FII Valves also available with optional ASTM A536 (65-45-12) Ductile Iron body for all sizes & Ductile Iron disc on sizes 8" – 20"/DN200 – DN500.

**Also available with optional EPDM seat.



DIMENSIONS - INCHES (MM)

VALVE SIZE	A	B	C	D	ØE	NO. - ØF	G
3"/DN80	4 $\frac{3}{4}$ (121)	3 $\frac{1}{4}$ (83)	7 $\frac{1}{2}$ (190)	5 (127)	$\frac{3}{4}$ (19)	4 - $\frac{5}{8}$ (16)	6 (152)
4"/DN100	5 $\frac{1}{2}$ (140)	3 $\frac{1}{2}$ (89)	9 (229)	5 (127)	$1\frac{5}{16}$ (24)	8 - $\frac{5}{8}$ (16)	7 $\frac{1}{2}$ (190)
6"/DN150	6 $\frac{1}{2}$ (165)	5 $\frac{1}{8}$ (130)	11 (279)	5 (127)	1 (25)	8 - $\frac{3}{4}$ (18)	9 $\frac{1}{2}$ (241)
8"/DN200	7 $\frac{3}{4}$ (197)	6 $\frac{1}{2}$ (165)	13 $\frac{1}{2}$ (343)	6 (152)	$1\frac{1}{8}$ (28)	8 - $\frac{3}{4}$ (19)	11 $\frac{3}{4}$ (298)
10"/DN250	9 (229)	9 $\frac{7}{8}$ (250)	16 (406)	8 (203)	$1\frac{3}{16}$ (29)	12 - $\frac{7}{8}$ (22)	14 $\frac{1}{4}$ (362)
12"/DN300	10 $\frac{1}{2}$ (267)	11 $\frac{3}{8}$ (289)	19 (483)	8 (203)	$1\frac{1}{4}$ (31)	12 - $\frac{7}{8}$ (22)	17 (430)
14"/DN350	11 $\frac{1}{8}$ (302)	12 $\frac{3}{4}$ (324)	21 (533)	8 (203)	$1\frac{3}{8}$ (34)	12 - 1 (25)	18 $\frac{3}{4}$ (476)
16"/DN400	13 $\frac{1}{2}$ (343)	14 $\frac{3}{8}$ (365)	23 $\frac{1}{2}$ (597)	8 (203)	$1\frac{1}{16}$ (37)	16 - 1 (25)	21 $\frac{1}{4}$ (540)
18"/DN450	14 $\frac{3}{8}$ (365)	15 $\frac{1}{4}$ (387)	25 (635)	8 (203)	$1\frac{1}{16}$ (40)	16 - $1\frac{1}{8}$ (28)	22 $\frac{3}{4}$ (603)
20"/DN500	16 (406)	16 $\frac{7}{8}$ (429)	27 $\frac{1}{2}$ (699)	8 (203)	$1\frac{1}{16}$ (43)	20 - $1\frac{1}{8}$ (28)	25 (635)



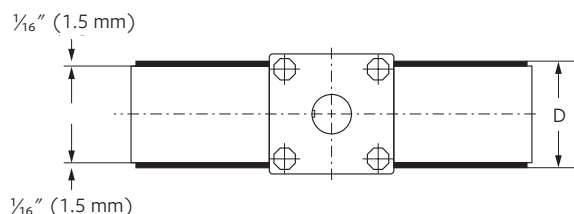
DIMENSIONS - INCHES (MM)

VALVE SIZE	A	B	C	D
3"/DN80	4 $\frac{3}{4}$ (121)	3 $\frac{1}{4}$ (83)	5 $\frac{1}{4}$ (133)	2 $\frac{1}{16}$ (52)
4"/DN100	5 $\frac{1}{2}$ (140)	3 $\frac{1}{2}$ (89)	6 $\frac{3}{4}$ (171)	2 $\frac{5}{16}$ (59)
6"/DN150	6 $\frac{1}{2}$ (165)	5 $\frac{1}{8}$ (130)	8 $\frac{5}{8}$ (219)	2 $\frac{5}{16}$ (75)
8"/DN200	7 $\frac{3}{4}$ (197)	6 $\frac{1}{2}$ (165)	10 $\frac{7}{8}$ (276)	3 $\frac{1}{16}$ (78)
10"/DN250	9 (229)	9 $\frac{7}{8}$ (250)	13 $\frac{1}{4}$ (337)	3 $\frac{3}{16}$ (81)
12"/DN300	10 $\frac{1}{2}$ (267)	11 $\frac{5}{16}$ (287)	16 (406)	3 $\frac{7}{16}$ (87)
14"/DN350	11 $\frac{1}{8}$ (302)	12 $\frac{3}{4}$ (324)	17 $\frac{5}{8}$ (448)	3 $\frac{1}{16}$ (94)
16"/DN400	13 $\frac{1}{2}$ (343)	14 $\frac{3}{8}$ (365)	20 $\frac{1}{8}$ (511)	4 $\frac{3}{16}$ (106)
18"/DN450	14 $\frac{3}{8}$ (365)	15 $\frac{1}{4}$ (387)	21 $\frac{1}{2}$ (546)	4 $\frac{11}{16}$ (119)
20"/DN500	16 (406)	16 $\frac{13}{16}$ (427)	23 $\frac{3}{4}$ (603)	5 $\frac{3}{16}$ (132)

DIMENSIONS - INCHES (MM)

VALVE SIZE	DISC O.D.	MIN. MATION PIPE I.D.
3"/DN80	3.08 (78)	2.41 (61)
4"/DN100	4.07 (103)	3.44 (87)
6"/DN150	6.07 (154)	5.38 (136)
8"/DN200	8.07 (205)	7.53 (191)
10"/DN250	10.09 (256)	9.62 (244)
12"/DN300	12.10 (307)	11.64 (296)
14"/DN350	13.33 (339)	12.86 (327)
16"/DN400	15.33 (389)	14.79 (376)
18"/DN450	17.37 (441)	16.75 (425)
20"/DN500	19.38 (492)	18.71 (475)

Phantom Lines Show Trunnion Modifications on the Following Valve:
20"/DN500 – $1\frac{1}{8}$ " (30 mm) – 7 tap x $1\frac{1}{2}$ " (38 mm) Deep – 4 Places Each Face



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