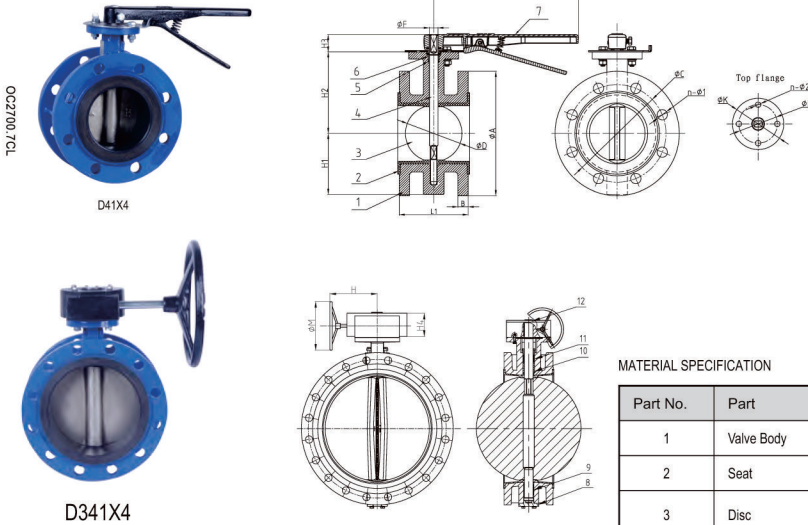


# Flanged Butterfly Valve



Fig. No. D41X4 & D341X4



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536, 65-45-12	
2	Seat	EPDM	NBR
3	Disc	ASTM A536, 65-45-12	AISI 304, AISI 316, AL-Bronze C95400
4	Stem	DN50-350: Stainless Steel , One-Piece Stem Design DN400-800: Stainless Steel , Two-Piece Stem Design	AISI 304, AISI 316, AISI 416, AISI 431
5	O-Ring	NBR	EPDM
6	Bushing	Nylon 1010	PTFE
7	Lever	ASTM A536, 65-45-12	Aluminum
8	Shaft Cover (DN400-800)	ASTM A536, 65-45-12	
9	Bushing (DN400-800)	Lubricating Bronze	
10	Bushing (DN400-800)	Lubricating Bronze	
11	Packing (DN400-800)	PTFE	
12	Gear Box	ASTM A536, 65-45-12	

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

- Design Standard: API 609
- Face to Face: EN 558 Series 13
- Connection Ends: ASME B16.1 CL 125
- Top Flange Standard: ISO 5211  
Stem drive by keys, parallel or diagonal square or flat head
- Working Pressure: 250PSI  
175PSI, 200PSI and 300PSI available upon request
- Temperature Range: 0°C- 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

DN		Dimensions(mm)															
Inch	mm	L1	H1	H2	H3	H4	ΦA	B	ΦC	N-Φ1	ΦD	ΦE	ΦK	n-Φ2	ISO 5211	ΦF	L
2"	50	108	63	110	32	52	152	16	120.7	4-Φ19.1	53.9	70	90	4-Φ10	F07	14	267
2.5"	65	112	71	135	32	52	178	17.5	139.7	4-Φ19.1	65.2	70	90	4-Φ10	F07	14	267
3"	80	114	80	145	32	52	191	19.1	152.4	4-Φ19.1	79.7	70	90	4-Φ10	F07	14	267
4"	100	127	90	150	32	52	229	24	190.5	8-Φ19.1	105	70	90	4-Φ10	F07	16	267
5"	125	140	107	170	32	52	254	24	215.9	8-Φ22.2	130	70	90	4-Φ10	F07	16	267
6"	150	140	123	180	32	52	279	25.5	241.3	8-Φ22.2	156	70	90	4-Φ10	F07	20	267
8"	200	152	153	210	45	69	343	28.5	298.5	8-Φ22.2	206.7	102	125	4-Φ12	F10	26	356
10"	250	165	185	245	45	69	406	30.5	362	12-Φ25.4	253.3	102	125	4-Φ12	F10	26	356
12"	300	178	213	275	45	73	483	32	431.8	12-Φ25.4	301.9	102	125	4-Φ12	F10	28	490
14"	350	190	254	310	45	73	533	35.1	476.3	12-Φ28.6	333.9	125	150	4-Φ14	F12	31.6	-
16"	400	216	280	340	48	110	597	36.6	539.8	16-Φ28.6	389.6	140	175	4-Φ18	F14	33.2	-
18"	450	222	320	375	48	110	635	39.6	577.9	16-Φ31.8	441	140	175	4-Φ18	F14	38	-
20"	500	229	350	430	70.3	123	699	42.9	635	16-Φ31.8	492.4	165	210	4-Φ22	F16	41.2	-
24"	600	267	418	500	70.3	129	813	47.8	749.3	20-Φ34.9	592.8	165	210	4-Φ22	F16	50.6	-
28"	700	292	450	575	73	132	927	71	863.6	28-Φ35.1	695	254	300	8-Φ18	F25	63.4	-
32"	800	318	501	620	73	132	1061	81	977.9	28-Φ41.4	795.7	254	300	8-Φ18	F25	63.4	-