G 111

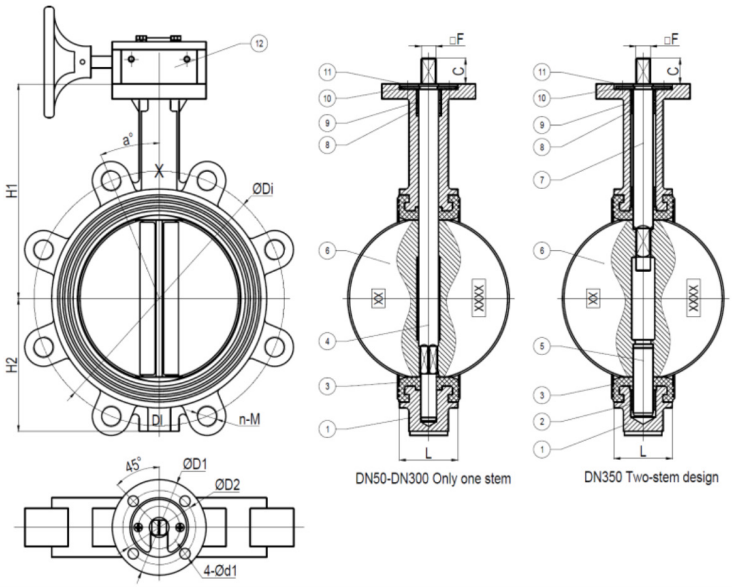
DUCTILE IRON BUTTERFLY VALVE FULLY-LUGGED GEAR OPERATED

PN16 EN1092-2

www.ecivalve.it







Specifications:

- FULLY-LUGGED BUTTERFLY DESIGN WITH ISO 5211 MOUNTING PAD
- SOFT SEAT DESIGN FOR WIDER SEALING SURFACE TO BETTER AC-COMODATE FLANGES AND PREVENT MISALIGNMENT AND LEAKAGE
- MANUAL GEAR OPERATION
- VALVE CONFORMS TO BS EN593
- FACE TO FACE ACCORDING TO EN 558-2
- END CONNECTION SUITABLE FOR FLANGE CONNECTION BS EN1092-2 PN16
- PRESSURE RATING: 16 BAR
- WORKING TEMPERATURE: -10°C TO 110°C
- TEST PRESSURES:
- -SHELL TEST: 24 BAR
- -SEAL TEST: 17.6 BAR
- SUITABLE MEDIA: POTABLE WATER, SEWAGE, SEA WATER, AIR, OIL, ACID & CORROSIVE MEDIA
- NOT SUITABLE FOR STEAM
- STANDARD DISC IN STAINLESS STEEL CF8/CF8M & EPDM SEAT
- DUCTILE IRON GGG50 & ALUMINUM BRONZE C958 BRONZE DISC OPTIONS
- NITRILE (NBR) SEAT & VITON SEAT LINER OPTIONS
- COATING: FUSION BONDED EPOXY (FBE), DFT ≥ 250 µm.

Dimensions (mm)

DN	INCH	L±2	H1	H2	C	F	ISO5211				PN16			WEIGHT (KG)
							Top Flange	ØD1	ØD2	4-Ød1	ØDi	n-M	a°	
50	2"	43	133	65	15	9	F05	65	50	4-Ø7	125	4-M16	45°	6,50
65	2.1/2"	46	142	67	15	9	F05	65	50	4-Ø7	145	4-M16	45°	7,00
80	3"	46	143	80	15	9	F05	65	50	4-Ø7	160	8-M16	22.5°	8,00
100	4"	52	163	94	15	11	F07	90	70	4-Ø10	180	8-M16	22.5°	9,00
125	5"	56	181	125	19	14	F07	90	70	4-Ø10	210	8-M16	22.5°	11,00
150	6"	56	202	125	19	14	F07	90	70	4-Ø10	240	8-M20	22.5°	13,00
200	8"	60	228	156	20	17	F10	125	102	4-Ø12	295	8-M20	22.5°	23,00
250	10"	68	272	193	24	22	F10	125	102	4-Ø12	350	12-M20	15°	31,00
300	12"	78	310	223	26	22	F10	125	102	4-Ø12	400	12-M20	15°	43,00
350	14"	78	333	273	30	27	F12	150	125	4-Ø14	460	16-M20	11.25°	45,00
400	16"	102	363	318	40	27	F14	175	140	4-Ø18	515	16-M24	11.25°	80,00
450	18"	114	398	348	50	27	F14	175	140	4-Ø18	565	20-M24	9°	100,00
500	20"	127	453	379	50	32	F14	175	140	4-Ø18	620	20-M24	9°	136,00
600	24"	154	522	442	50	36	F16	210	165	4-Ø22	725	20-M27	9°	185,00

Materials

No.	DESCRIPTION	MATERIAL	STANDARD
1	Body	Ductile Iron	EN GJS-500-7
2	Long Bushing	Polymor Composites	Polymor Composites
3	Seat	EPDM	EPDM
4	Stem	Staineless Steel	AISI SS420
5	Lower Stem	Staineless Steel	AISI SS420
6	Disc	Staineless Steel	CF8/CF8M
7	Upper Stem	Staineless Steel	AISI SS420
8	Short Bushing	Polymor Composites	Polymor Composites
9	O-Ring	NBR	NBR
10	Gland	Staineless Steel	AISI SS430
11	Bolt	Staineless Steel	AISI SS201
12	Gear Box	Ductile Iron	EN GJS- 500-7

All data, descriptions and pictures contained in this leaflet may be subject to change without prior notice.
European Casting Industry Srl | Via Morimondo, 26 - Building 17a | 20143 Milan MI, Italy | P.Iva: 03228761205
www.ecivalve.it | info@ecivalve.it