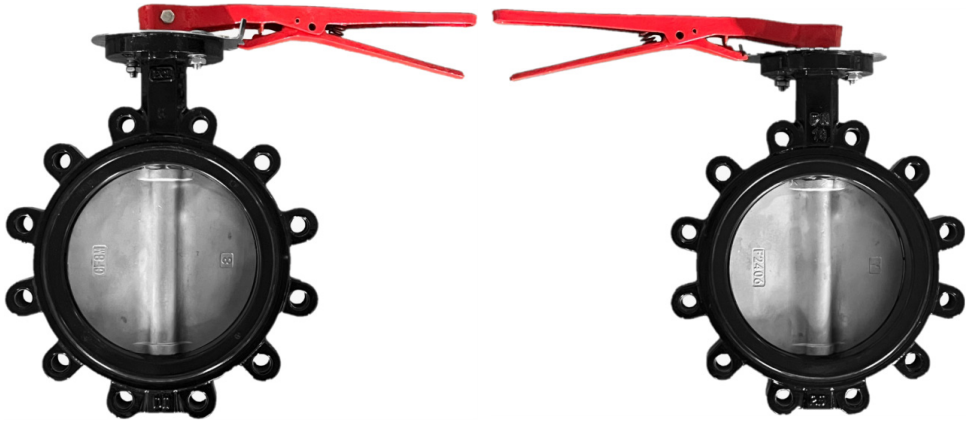
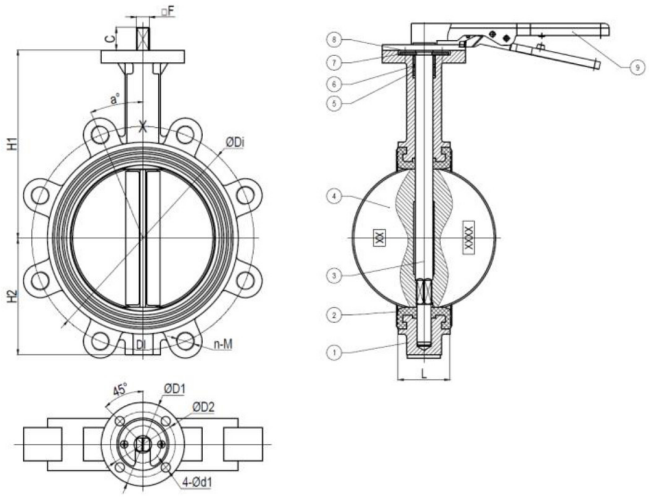
G 109

DUCTILE IRON BUTTERFLY VALVE FULLY-LUGGED

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 ACCOMODATE FLANGES AND PREVENT MISALIGNMENT AND LEAKAGE
- LEVER OPERATED, LEVER DISC & SCREW IN STAINLESS STEEL 316
- VALVE CONFORMS TO BS EN593
- FACE TO FACE ACCORDING TO ISO 588-1
- 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 DIMENSIONS (MM) (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	32	9	F05	65	50	4-Ø7	125	4-M16	45°	3,50
65	2.1/2"	46	142	67	32	9	F05	65	50	4-Ø7	145	4-M16	45°	4,00
80	3"	46	143	80	32	9	F05	65	50	4-Ø7	160	8-M16	22.5°	5,00
100	4"	52	163	94	32	11	F07	90	70	4-Ø10	180	8-M16	22.5°	6,00
125	5"	56	181	125	32	14	F07	90	70	4-Ø10	210	8-M16	22.5°	8,00
150	6"	56	202	125	32	14	F07	90	70	4-Ø10	240	8-M20	22.5°	9,00
200	8"	60	228	156	37	17	F10	125	102	4-Ø12	295	8-M20	22.5°	15,00
250	10"	68	272	193	37	22	F10	125	102	4-Ø12	350	12-M24	15°	17,00
300	12"	78	310	223	37	22	F10	125	102	4-Ø12	400	12-M24	15°	22,00

Materials

No.	DESCRIPTION	MATERIAL	STANDARD
1	Body	Ductile Iron	EN GJS-500-7
2	Seat	EPDM	EPDM
3	Stem	Stainless Steel	AISI SS420
4	Disc	Stainless Steel	CF8/CF8M
5	Short Bushing	Polymor Composites	Polymor Composites
6	O-Ring	NBR	NBR
7	Gland	Stainless Steel	AISI SS430
8	Bolt	Stainless Steel	AISI SS201
9	Lever	Ductile Iron	EN GJS-500-7

All data, descriptions and pictures contained in this leaflet may be subject to change without prior notice.
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