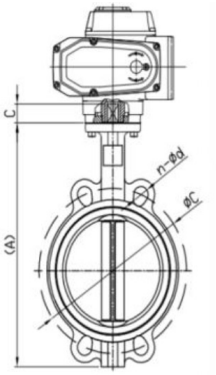
G 101E/G 103E/G 101M/G 103M

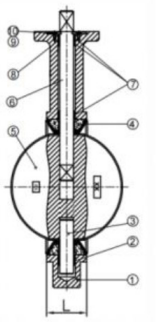
DUCTILE IRON BUTTERFLY VALVE WAFER SEMI LUGGED
ELECTRIC ACTUATED

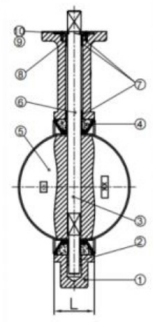
conforms to MSS SP-67

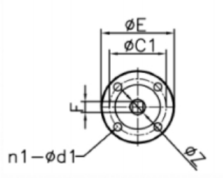
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Specifications:

- DESIGNED AND MANUFACTURED CONFORM TO MSS SP-67 STANDARD
- QUARTER TURN ON/OFF OR MODULATING ACTUATOR DESIGN
- ACTUATOR 220V (24V and 380V optional)
- WAFER SEMI LUGGED TYPE BUTTERFLY VALVE WITH ELECTRIC ACTUATOR ON/OFF MODEL E OR MODULATING MODEL M
- MODEL G101E/G101M FOR SIZES DN50-DN300 MODEL G103E/G103M FOR SIZES DN350-DN600
- VALVE END CONNECTION SUITABLE FOR ANSI CLASS B16.5 OR PN10/PN16
- PRESSURE RATING 150 PSI or 10/16 Bar
- WORKING TEMPERATURE FROM -15°C TO + 120°C -5°F TO +249°F
- NOT SUITABLE FOR STEAM
- SUITABLE MEDIA: FRESH WATER, SEWAGE, SEA WATER, AIR OIL, ACID & CORROSIVE MEDIA

Butterfly Valve + Actuator ISO5211 connection

DN	INCH	DCL Actuator	Type	Torque
50	2"	DCL-05A/E	ON/OFF/MODULATING	25S/50NM
65	2.1/2"	DCL-05A/E	ON/OFF/MODULATING	25S/50NM
80	3"	DCL-05A/E	ON/OFF/MODULATING	25S/50NM
100	4"	DCL-10A/E	ON/OFF/MODULATING	30S/100NM
125	5"	DCL-10A/E	ON/OFF/MODULATING	30S/100NM
150	6"	DCL-20A/E	ON/OFF/MODULATING	30S/200NM
200	8"	DCL-40A/E	ON/OFF/MODULATING	30S/400NM
250	10"	DCL-60A/E	ON/OFF/MODULATING	45S/600NM
300	12"	DCL-100A/E	ON/OFF/MODULATING	30S/1000NM
350	14"	DCL-200A/E	ON/OFF/MODULATING	75S/2000NM
400	16"	DCL-200A/E	ON/OFF/MODULATING	75S/2000NM
450	18"	DCL-200A/E	ON/OFF/MODULATING	75S/2000NM
500	20"	DCL-300A/E	ON/OFF/MODULATING	110S/3000NM
600	24"	DCL-300A/E	ON/OFF/MODULATING	110S/3000NM

Materials

No.	DESCRIPTION	MATERIAL	STANDARD
1	Body	Ductile Iron	EN-GJS-500-
2	Bushing	Polymer	Polymer
3	Lower Stem	Stainless Steel	AISI 420
4	Seat	EPDM	EPDM
5	Disc	Stainless Steel	AISI 316
6	Upper Stem	Stainless Steel	AISI 420
7	Bushing	Polymer	Polymer
8	O-Ring	NBR	NBR
9	Gland	Stainless Steel	AISI 316
10	Bolt	Stainless Steel	AISI 201

Dimensions (mm)

						ISO 5211				ANSI 150		DIN 2501 PN10		DIN 2501 PN16		
DN	INCH	L+-2	A	C	F	ØZ	TOP FLANGE	ØE	n1-Ød1	C	n-Ød	C	n-Ød	ØC	n-Ød	WEIGHT (KG)
50	2	43	195	12	9*9	12.60	F05	65	4-Ø8	120.60	4-Ø19	120.60	4-Ø19	125	4-Ø19	5.5
65	2.1/2	46	232	12	9*9	12.60	F05	65	4-Ø8	139.70	4-Ø19	139.70	4-Ø19	145	4-Ø19	6.1
80	3	46	242	16	9*9	12.60	F05	65	4-Ø8	152.40	4-Ø19	152.40	4-Ø19	160	8-Ø19	6.8
100	4	52	280	16	11*11	15.77	F07	90	4-Ø10	190.50	4-Ø19	190.50	4-Ø19	180	8-Ø19	10.1
125	5	56	310	18	14*14	18.92	F07	90	4-Ø10	215.90	8-Ø22.4	215.90	8-Ø22.4	210	8-Ø19	11.3
150	6	56	340	18	14*14	18.92	F07	90	4-Ø10	241.30	8-Ø22.4	241.30	8-Ø22.4	240	8-Ø23	18.1
200	8	60	405	25	17*17	22.10	F10	125	4-Ø12	298.40	8-Ø22.4	298.40	8-Ø22.4	295	8-Ø23	24.1
250	10	68	481	30	22*22	28.45	F10	125	4-Ø12	361.90	12-Ø25.4	361.90	12-Ø25.4	350	12-Ø28	27
300	12	78	545	30	22*22	31.60	F10	125	4-Ø12	431.80	12-Ø25.4	431.80	12-Ø25.4	400	12-Ø28	49
350	14	78	626	30	22*22	31.60	F10	125	4-Ø12	476.20	12-Ø28.4	476.20	12-Ø28.4	460	16-Ø28	56
400	16	102	714	50	27*27	33.15	F14	175	4-Ø18	539.70	16-Ø28.4	539.70	16-Ø28.4	515	16-Ø31	79.8
450	18	114	757	50	27*27	37.95	F14	175	4-Ø18	577.80	16-Ø31.7	577.80	16-Ø31.7	565	20-Ø31	91.1
500	20	127	845	60	32*32	41.12	F14	175	4-Ø18	635.00	20-Ø31.7	635.00	20-Ø31.7	620	20-Ø34	134.5
600	24	154	979	60	36*36	50.62	F16	210	4-Ø22	749.30	20-Ø35	749.30	20-Ø35	725	20-Ø37	169.5

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