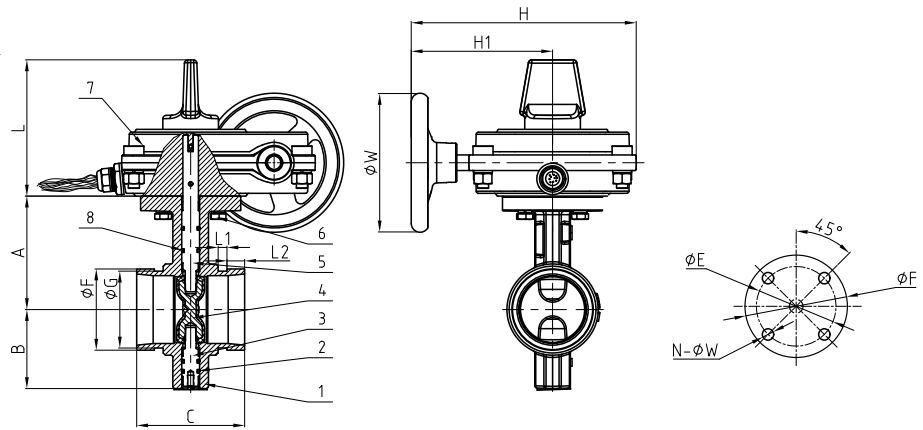


### PRODUCT FEATURE



THE BUTTERFLY VALVES HAVE THE CHARACTERISTICS OF SIMPLE OPERATION, LIGHT WEIGHT, GOOD SEALING PERFORMANCE, FLEXIBLE OPENING AND CLOSING, AND ACCURATE OPENING AND CLOSING DISPLAY POSITION. MAINLY SUITABLE FOR CONTROLLING VALVES IN FIRE PROTECTION SYSTEMS. WHEN THE VALVE IS OPENED OR CLOSED TO A DESIGNATED POSITION, THE SIGNAL DEVICE ON THE VALVE CAN SEND A SIGNAL TO THE FIRE DETECTION CENTER, WHICH CAN DISPLAY THE VALVE'S OPEN OR CLOSED STATUS TO PREVENT THE VALVE FROM ACCIDENTALLY CLOSING AND AFFECTING THE AUTOMATIC SPRINKLER FIRE EXTINGUISHING FUNCTION. IT CAN ALSO SERVE AS A CONTROL VALVE ON THE WATER SUPPLY AND DRAINAGE PIPELINE, PLAYING A CUTTING OR REGULATING ROLE.



### MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Body	ASTM A536,65-45-12	
2	O-Ring	NBR	EPDM
3	Stub Shaft	AISI 431	
4	Disc	ASTM A536,65-45-12+EPDM	ASTM A536,65-45-12+NBR
5	Drive Shaft	AISI 431	
6	Hex Nut	Carbon Steel Zinc plated	
7	Signal Gearbox	Body:ASTM A536,65-45-12	
8	O-Ring	NBR	EPDM

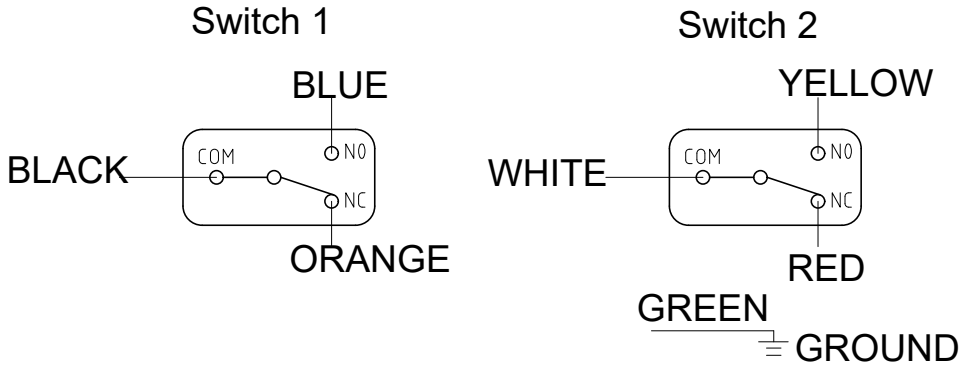
Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.



**GROOVED BUTTERFLY VALVE GMC-BF-GG**  
**GLOBE MECHANICAL CONTROL LLC.**

Signal description:

1. Switch parameters: 16A 1/2HP 125/250VAC
2. Wiring diagram:



DN		Dimensions(mm)														
Inch	mm	A	B	C	F	G	L	L1	L2	H1	H	W	ΦE	ΦF	N-ΦM	ISO5211
2"	50	89	65	81	60.3	57.15	122.5	7.93	15.88	127	202.2	125	70	90	4-Φ10	F07
2.5"	65	102	71	97	73.0	69.09	122.5	7.93	15.88	127	202.2	125	70	90	4-Φ10	F07
3"	80	109	81	97	88.9	84.94	122.5	7.93	15.88	127	202.2	125	70	90	4-Φ10	F07
4"	100	128	95	116	114.3	110.08	122.5	9.53	15.88	127	202.2	125	70	90	4-Φ10	F07
5"	125	141	111	148	141.3	137.03	122.5	9.53	15.88	127	202.2	125	70	90	4-Φ10	F07
6"	150	153	133	148	168.3	163.96	122.5	9.53	15.88	139.5	215	225	70	90	4-Φ10	F07
8"	200	184	164	133	219.1	214.40	122.5	11.10	19.05	198.5	274	225	102	125	4-Φ12	F10
10"	250	216	196	159	273.1	268.28	122.5	12.70	19.05	198.5	274	225	102	125	4-Φ12	F10
12"	300	254	226	165	323.9	318.29	132.0	12.70	19.05	198.5	293.5	225	102	125	4-Φ12	F10

Note: Valve must not be installed with disc in full open position. Disc must be partly closed so that no part is protruding beyond end of valve body.

Weight – lb. (kg)

SIZE	D73	D89	D114	D168	D219
Weight	8.0057	8.3511	9.6743	15.7532	20.057

**NAMEPLATE**

