

## 1.19// GROOVED BUTTERFLY VALVE WITH TAMPER

### FM APPROVED

SWITCH (SKYEG-BFVG-300)

#### FEATURES

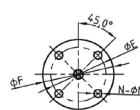
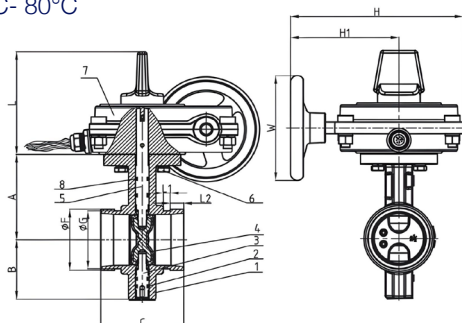
**Design Standard:** MSS SP-67

**Connection Ends:** Groove to AWWA C606

**Working Pressure:** 300PSI/363PSI, 175PSI, 200PSI and 250PSI  
available upon request.

**Coating:** Fusion Bonded Epoxy Coating in accordance with  
ANSI/AWWA C550

**Temperature Range:** 0°C- 80°C



#### MATERIAL SPECIFICATIONS

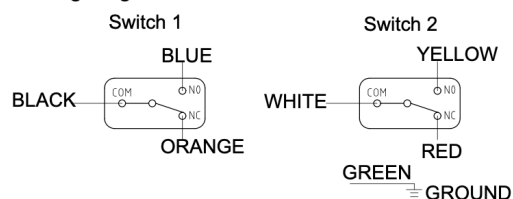
|| = Other Options

| No. | Part Name      | Material                                             |
|-----|----------------|------------------------------------------------------|
| 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   <br>ASTM A536,65-45-12+NBR |
| 5   | Drive Shaft    | AISI 431                                             |
| 6   | Hex Nut        | CSI Zinc plated                                      |
| 7   | Signal Gearbox | Body:ASTM A536,65-45-12                              |
| 8   | O-Ring         | NBR    EPDM                                          |

#### Signal description:

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

2.Wiring diagram:



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



#### DIMENSIONS

| 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.