

Grooved Butterfly Valve with Tamper Switch (XD381X), UL/FM/VdS Approved



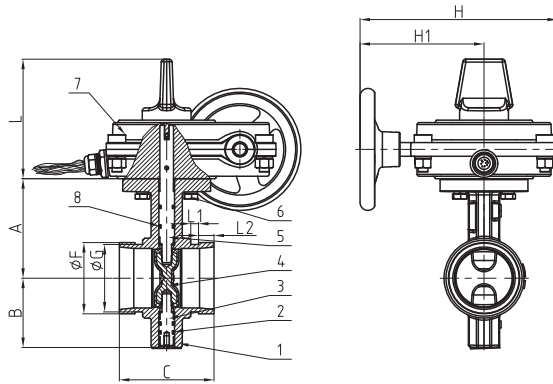
OC21700-7CL

XD381X



NSF/ANSI 61 NSF/ANSI 372

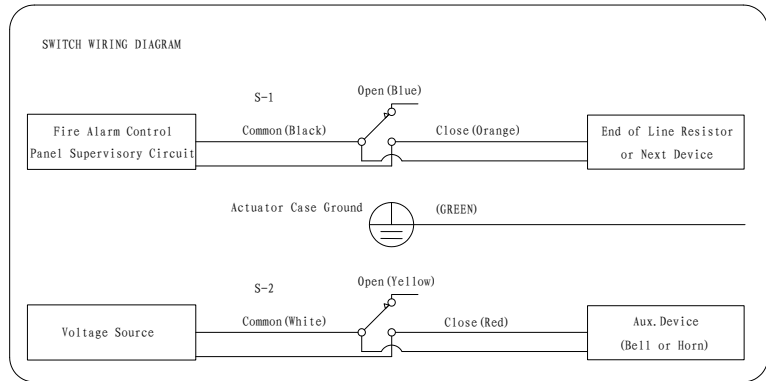
- Design Standard: MSS SP-67
- Connection Ends: Groove to AWWA C606
- Top Flange Standard: ISO 5211
- Working Pressure: 300PSI
175PSI, 200PSI and 250PSI available upon request
- Temperature Range: 0°C - 100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



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.



| DN | | Dimensions(mm) | | | | | | | | | |
|------|-----|----------------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| Inch | mm | A | B | C | F | G | L | L1 | L2 | H1 | H |
| 2" | 50 | 89 | 65.00 | 81.00 | 60.3 | 57.15 | 122.5 | 7.93 | 15.88 | 127 | 202.2 |
| 2.5" | 65 | 102 | 71 | 97 | 73.0 | 69.09 | 122.5 | 7.93 | 15.88 | 127 | 202.2 |
| 3" | 80 | 109 | 81 | 97 | 88.9 | 84.94 | 122.5 | 7.93 | 15.88 | 127 | 202.2 |
| 4" | 100 | 128 | 95 | 116 | 114.3 | 110.08 | 122.5 | 9.53 | 15.88 | 127 | 202.2 |
| 5" | 125 | 141 | 111 | 148 | 141.3 | 137.03 | 122.5 | 9.53 | 15.88 | 127 | 202.2 |
| 6" | 150 | 153 | 133 | 148 | 168.3 | 163.96 | 122.5 | 9.53 | 15.88 | 127 | 202.2 |
| 8" | 200 | 184 | 164 | 133 | 219.1 | 214.40 | 122.5 | 11.10 | 19.05 | 185 | 260.2 |
| 10" | 250 | 216 | 196 | 159 | 273.1 | 268.28 | 122.5 | 12.70 | 19.05 | 185 | 260.2 |
| 12" | 300 | 254 | 226 | 165 | 323.9 | 318.29 | 132.0 | 12.70 | 19.05 | 202.5 | 297.5 |

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.