



Motorized Universal Type Wafer Butterfly Valve



Features

- Simple and compact construction
- Small in size and light in weight
- Quick 90° on-off operation, low torque
- Good sealing capability, no leakage
- 360° polished disc assures positive on-off
- Bi-directional, low torque, long service life
- Epoxy coated body; smooth surface

One valve body can meet multi-standards flanges, including DIN, JIS, ANSI, BS, EN, GB, etc. at the same time

Technical Specifications

Size: DN40~350 (1.5" ~ 14")

Pressure: PN10, PN16, Class 125

Body Materials: Cast iron A126 B (GG25), Ductile iron A536 65-45-12 (GGG40), A216 WCB, Stainless Steel S.S.304(CF8), S.S.316(CF8M), Bronze B148 C954

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile iron, S.S.304 (CF8), S.S.316 (CF8M), bronze C958

Stem Materials: AISI416, AISI304, AISI316

End Connection: Wafer

Valve Design: API 609, MSS SP-67

Face to Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 125LB, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Disc Type: With-pin, whole shaft without pin, half shaft without pin

Operate: Lever, worm gear

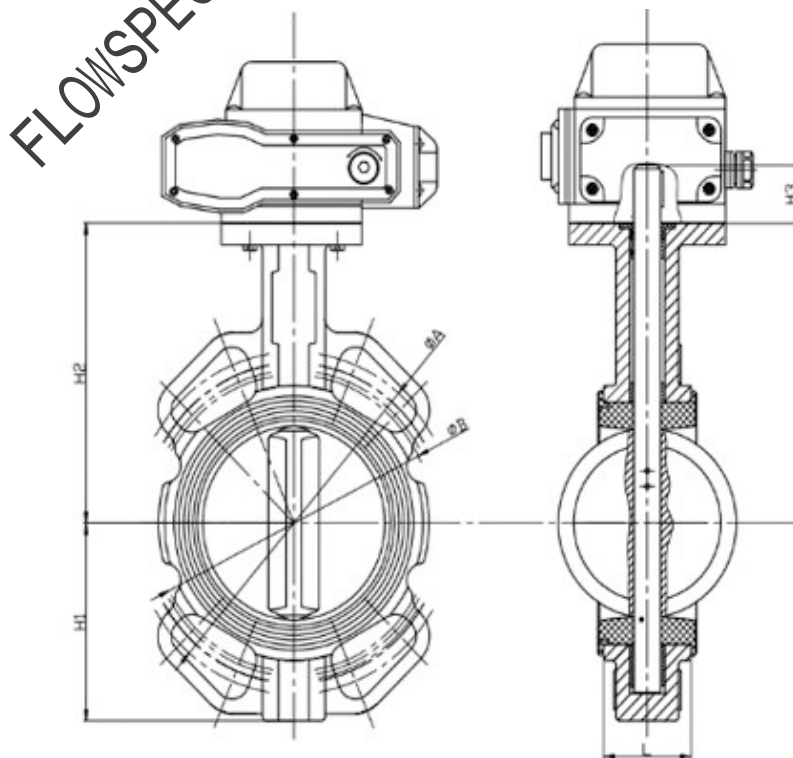
Applicable medium: water, sewage, sea water, air, low corrosive liquids

Applicable temperature: -45°C~+150°C (higher temperature is available upon request)



Main Parts and Materials

| Item | Parts | Materials |
|------|---------------------|---|
| 1 | Body | Cast iron A126 B (GG25), Ductile iron A536 65-45-12 (GGG40) Stainless Steel S.S.304(CF8), Stainless Steel S.S.316(CF8M) Cast steel A216 WCB, Bronze B148 C954 |
| 2 | Seat | NBR, EPDM, VITON, PTFE |
| 3 | Shaft | AISI416, AISI431, AISI304, AISI316 |
| 4 | Disc | Ductile iron S.S.304(CF8), S.S.316(CF8M) Steel A216 WCB, Bronze B148 C954 |
| 5 | Pin | AISI416, AISI431, AISI304, AISI316 |
| 6 | Packing | NBR, EPDM |
| 7 | Bushing | Bronze, PTFE |
| 8 | Bolts | A193 B7, SUS304 |
| 9 | Nuts | A194 2H, SUS304 |
| 10 | Electrical Actuator | DC/AC24V, AC110V, DC/AC220V, AC380V ON/OFF or intelligent type |





Main Connection Dimensions (mm)

| SIZE | | H1 | H2 | H3 | L | PN 10/16 | | | 150LB | | | JIS 10K | | | ISO5211 |
|------|------|-----|-----|----|----|----------|-----|-------|-------|-----|---------|---------|-----|--------|------------|
| mm | in | | | | | øA | øB | N-ød | øA | øB | N-ød | øA | øB | N-ød | Top Flange |
| 40 | 1.5" | 65 | 128 | 32 | 43 | 110 | 95 | 4-ø18 | 110 | 95 | 4-ø19 | 110 | 95 | 4-ø19 | F05 |
| 50 | 2" | 75 | 129 | 32 | 43 | 125 | 105 | 4-ø18 | 125 | 105 | 4-ø19 | 125 | 105 | 4-ø19 | F05 |
| 65 | 2½" | 82 | 136 | 32 | 46 | 145 | 127 | 4-ø18 | 145 | 127 | 4-ø19 | 145 | 127 | 4-ø19 | F05 |
| 80 | 3" | 99 | 153 | 32 | 46 | 160 | 145 | 8-ø18 | 160 | 145 | 4-ø19 | 160 | 145 | 8-ø19 | F05 |
| 100 | 4" | 110 | 167 | 32 | 52 | 190.5 | 165 | 8-ø18 | 190.5 | 165 | 8-ø19 | 190.5 | 165 | 8-ø19 | F07 |
| 125 | 5" | 125 | 193 | 32 | 56 | 215.9 | 200 | 8-ø18 | 215.9 | 200 | 8-ø22.4 | 215.9 | 200 | 8-ø23 | F07 |
| 150 | 6" | 145 | 209 | 32 | 56 | 241.3 | 225 | 8-ø22 | 241.3 | 225 | 8-ø22.4 | 241.3 | 225 | 8-ø23 | F07 |
| 200 | 8" | 170 | 251 | 40 | 60 | 298.4 | 280 | 8-ø22 | 298.4 | 280 | 8-ø22.4 | 298.4 | 280 | 12-ø23 | F10 |
| 250 | 10" | 210 | 280 | 45 | 68 | 361.9 | 350 | 8-ø18 | 361.9 | 350 | 8-ø22.4 | 361.9 | 350 | 8-ø23 | F10 |
| 300 | 12" | 240 | 315 | 45 | 78 | 431.8 | 400 | 8-ø22 | 431.8 | 400 | 8-ø22.4 | 431.8 | 400 | 8-ø23 | F10 |
| 350 | 14" | 260 | 346 | 45 | 78 | 476.2 | 445 | 8-ø22 | 476.2 | 445 | 8-ø22.4 | 476.2 | 445 | 12-ø23 | F10 |

Notes:

As we are constant endeavoring to improve the performance of our equipment.

The company reserves the right to make alteration from time to time and equipment differ from that detailed in this brochure.