



Purpose

This valve is used as a cutoff and adjusting equipment for the various water supply and drainage pipelines in building, chemical, medicine, textile, ship and other industries.

Performance parameters

Pressure: 1.0MPa, 1.6MPa, 150LB, 5K, 10K

Size: DN40~DN300

Suitable temperature: $\leq 100^{\circ}\text{C}$

Medium: Water, air, oil

Design standard: BS5155, DIN3202, ISO5752

Flange Standard: DIN, BS, UNI, ISO, ANSI, JIS

Top Mounting Flange Standard: ISO5211

Main part materials

| | |
|------------------|--|
| Valve stem | SS410/Stainless steel |
| Butterfly disc | Ductile Iron/ Stainless steel/ C954 |
| Body | Ductile iron/Cast steel / Stainless steel |
| Sealing material | EPDM/ NBR/PTFE |
| Handle | Aluminum alloy/iron |

Disc for DN50~DN300 could use Ductile Iron with Epoxy.

Main dimensions(mm)

| DN | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|------|------|------|------|------|------|------|------|-------|-------|-------|
| L | 33 | 43 | 46 | 46 | 52 | 56 | 56 | 60 | 68 | 78 |
| D | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 355 | 410 |
| n-φd | 4-19 | 4-19 | 4-19 | 8-19 | 8-19 | 8-19 | 8-23 | 12-23 | 12-28 | 12-28 |
| H1 | 154 | 156 | 167 | 174 | 195 | 208 | 230 | 267 | 305 | 347 |
| H2 | 73 | 75 | 85 | 92 | 109 | 130 | 139 | 173 | 207 | 235 |

Note:1. Other specifications and flange standards are available upon request.

2. Design and specifications are subject to change without prior notice.