

Cast Iron Butterfly Balance Valve



PRODUCT OVERVIEW

| | |
|------------------------|--|
| Body material: | Gray cast iron HT200 |
| Size range: | DN250 ~ 350mm |
| Pressure rating: | 1.6MPa |
| Operating temperature: | 0 ~ 100°C |
| End connection: | Flanged |
| Applicable medium: | Water, Sewage |
| Mode of operation: | Manual |
| Applicable industry: | Water & Water Treatment, Power generation, Pulp & Paper, Municipal |
| Design & Manufacture: | API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB |

DESIGN FEATURES

1. The structure is reasonable and compact, and the volume is small. The valve body is barrel-shaped or streamlined, and it looks beautiful.
2. The opening and closing torque is small, and the sealing is safe and reliable.
3. The valve has good flow characteristics, can distribute flow reasonably, and solve the problem of hydraulic imbalance in the pipeline network.
4. It can accurately adjust the pressure drop and flow rate to improve the flow state of the medium in the pipeline network for the purpose of medium balance.

VALVE MATERIAL LIST

| Part Name | Part Material |
|----------------------------|----------------------|
| Valve body | Gray cast iron/HT200 |
| Centerline butterfly valve | HT200 |
| Angle globe valve | Copper |
| Bolts and nuts | 35/25 |

TECHNICAL SPECIFICATIONS

| DN | L | D | D ₁ | D ₂ | b-f | Z-Φd | H |
|-----|-----|-----|----------------|----------------|------|--------|-----|
| 200 | 385 | 335 | 295 | 265 | 29-2 | 12-Φ23 | 230 |
| 250 | 450 | 405 | 335 | 320 | 31-2 | 12-Φ25 | 270 |
| 300 | 485 | 460 | 410 | 375 | 33-3 | 12-Φ25 | 310 |
| 350 | 487 | 520 | 470 | 435 | 33-3 | 16-Φ25 | 350 |

