



BRIEF INTRODUCTION

Resilient-seated gate valve is our company cooperated with Shanghai University to research the high-quality green product, importing the advanced technology in Germany. And obtained the P&R&D item in No.3 in Shanghai, the new technology, new material, and new technics are applied that flat bottom type ,and static spray innocuity EP inside and outside surface of valve ,gate disc is covered with rubber etc. it is improve the seal capability, anti-corrosion, life-span and so on. This valve widely applied in the liquid pipes for open or close fixed in such table-water, sewage disposal, foodstuff and medicine, air-condition system, fire protection system, building etc.

FEATURES

Treating with rubber: Both inner and outer are coated with advanced knowledge of rubber vulcanization to ensure the elasticity of rubber and make sure the exact geometry dimension. Rubber and ductile cast iron valve are together hardly which can avoid fall-off for long-term use.

Anti- corrosion: Both inner and outer are coated with non-toxic powder epoxy resin to strengthen the capacity of Corrosion resisting and raise the quality of water supply.

Ruggedization: The older ductile iron valve is easy to rupture after being impacted by nonego. It can stoprupture depend on the good mechanics capability of ductile iron.

Three "O" sealed rings with the three "O"- rings, the leakage can be greatly reduced and the "O"- ring can bere placed under this condition with pressure and without stopping water. The thrust axle tree reduces the frictional resistance and lowers the operational torque. And it can be switch sealing without opening and closing.

PRODUCT - GATE VALVE

Rising Stem Resilient Seat Gate Valve

Rigid round body: The body is founded minutely, the rigid geometry size ensure inner sealing of valve without any process.

Light weight: This body is made of ductile iron; it is 20%-30% lighter than the olds. Easy to fix and service.

TECHNIC CRITERIA

Nominal pressure: 1.01.6MPa

Applicable medium: water sewage oil etc.

Applicable temperature: ≤120oC Main material of valve: ductile Iron, iron.

APPLICABLE STANDARDS: American Standard Design to ANSI/AWWA C509

Face to face dimension to ASME B16.10-2000 (ISO 3 series)

Flange and drilling To SME/ANSI B16.42-1998 British Standard Design to BS5163BS5150

Face to face dimension to BS5163 (ISO 3seriesISO19 series)

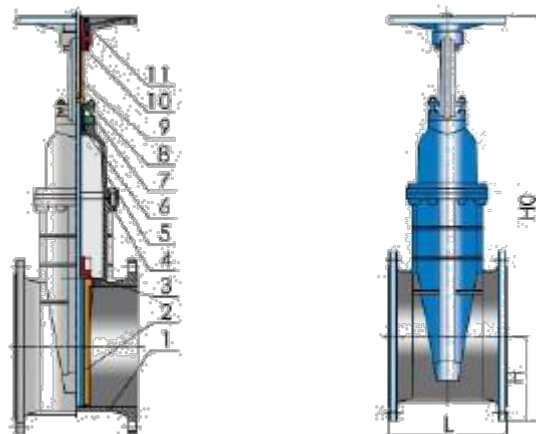
Flange and drilling To BS4504 part1 (EN1092) Germany Standard Design to DIN3352

Face to face dimension to DIN3202 (F4: ISO 14 series; F5: ISO 15 series)

Flange and drilling to BS EN1092Chinese Standard Design to CJ/T219-2005

Face to face dimension to GB12221 (3) (ISO14 series) GB12221 (15) (ISO 15series)

Flange and drilling to GB/T17241-1998



| NO | Part name | Material |
|----|----------------|--------------------------|
| 1 | Body | Ductile cast iron |
| 2 | Wedge | Ductile cast iron + EPDM |
| 3 | Stem nut | ZCuAl10Fe3 Gunmetal |
| 4 | Gasket | EPDM |
| 5 | Bonnet | Ductile cast iron |
| 6 | Packing | EPDM,NBR |
| 7 | Gland | Ductile cast iron |
| 8 | Stem | 2Cr13S.S.x 20Cr13 |
| 9 | Yoke | Ductile cast iron |
| 10 | Hand wheel nut | ZCuAl10Fe3 Gunmetal |
| 11 | Hand wheel | Ductile cast iron |