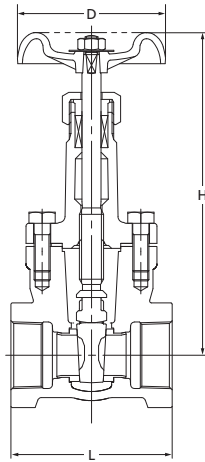


10K Gate Valve

10SMAS
B.B.I.S.



E-E dimension : JIS B 2051
End threads : JIS B 0203

120°C Static water..... 1.4MPa
220°C Steam, air, gas, oil..... 1.2MPa
300°C Steam, air, gas, oil..... 1.0MPa

●Use for lubricating or hydraulic oil is acceptable. Contact KITZ Corporation for technical advice, if valves are used as heat transfer media.

Materials

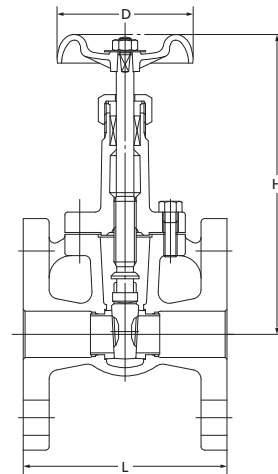
| Parts | JIS material |
|----------------|---------------------------------|
| Body | FCD-S |
| Bonnet | FCD-S |
| Stem | SUS420J2 |
| Disc | SCS1 |
| Body seat ring | SUS403 |
| Gland | SUS403 (1/2" & 3/4" : SUS420J2) |
| Gland packing | Non-asbestos Packing |
| Packing nut | FCD-S |
| Handwheel | FCD450-10 |
| Wheel nut | SS400 |
| Bonnet bolt | Carbon Steel |
| Gasket | Non-asbestos Sheet |
| Name plate | A1050P |

Dimensions

| Size | mm | | | | | | | |
|----------|----|------|-----|-----|-------|-----|-----|-----|
| | mm | inch | 15 | 20 | 25 | 32 | 40 | 50 |
| L | | | 65 | 75 | 80 | 90 | 100 | 110 |
| H (open) | | | 161 | 162 | 184.5 | 215 | 250 | 285 |
| D | | | 70 | 70 | 80 | 90 | 110 | 115 |

10K Gate Valve

10SMBF
B.B.I.S.
FF-flanged



F-F dimension : JV4-4
End flanges : JIS B 2239 10K

120°C Static water..... 1.4MPa
220°C Steam, air, gas, oil..... 1.2MPa
300°C Steam, air, gas, oil..... 1.0MPa

●Use for lubricating or hydraulic oil is acceptable. Contact KITZ Corporation for technical advice, if valves are used as heat transfer media.

Materials

| Parts | JIS material |
|----------------|-------------------------------|
| Body | FCD-S |
| Bonnet | FCD-S |
| Stem | SUS420J2 |
| Disc | SCS1 |
| Body seat ring | SUS403 |
| Gland | SUS403 (1/2" ~ 1" : SUS420J2) |
| Gland packing | Non-asbestos Packing |
| Handwheel | FCD450-10 |
| Bonnet bolt | Carbon Steel |
| Gasket | Non-asbestos Sheet |
| Name plate | A1050P |

Dimensions

| Size | mm | | | | | | | |
|----------|----|------|-----|-----|-----|-----|-----|-----|
| | mm | inch | 15 | 20 | 25 | 32 | 40 | 50 |
| L | | | 90 | 100 | 110 | 120 | 130 | 140 |
| H (open) | | | 164 | 165 | 188 | 219 | 253 | 285 |
| D | | | 70 | 70 | 80 | 90 | 100 | 115 |

NOTE : For flange dimensions, refer to Page 40. ※RF-flanged ends shall be optionally available.