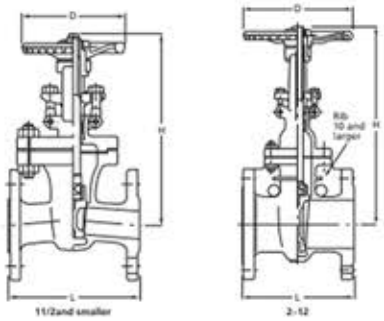
# Class 150 GATE VALVE

Pressure-Temperature Rating: ASME B 16.34

150UMA
150UMAM






**Materials**

| Parts | 150UMA | 150UMAM |
|---|---|---|
| Body | CF8 | CF8M |
| Bonnet | CF8 | CF8M |
| Stem | 304 | 316 |
| Disc | CF8 | CF8M |
| Gland | 304 | 316 |
| Gland flange | CF8 | |
| Gland packing | Refer to Page 10 | |
| Gasket | Refer to Page 10 | |
| Yoke sleeve | Ductile Ni-resist | |
| Yoke* | Ductile iron | |
| Handwheel | Ductile iron | |
| Gland bolt/nut | B8/8 | |
| Bonnet bolt/nut | B8/8 | |
| Grease nipple** | Steel | |
| Name plate | Aluminum | |

*Yoke is separated from bonnet for 10 and larger.
**For size 10 and larger.
Note: • Body seats and/or disc seats can be optionally hard-faced.
• Flexible wedge for all sizes.

| Items | |
|---|---|
| Face-to-Face Dimensions | ASME B16.10 |
| End Flange Dimensions | ASME B16.5 |
| Wall Thickness | ASME B16.34 Class 150 |

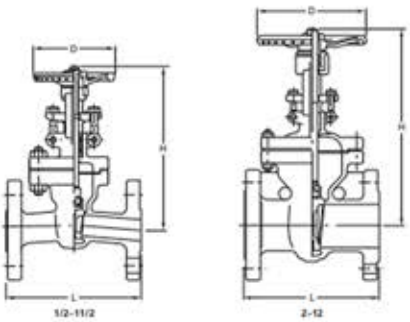
| Nominal Size | | 1/2 | 3/4 | 1 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 15 | 20 | 25 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| L | in. | 4.25 | 4.26 | 5.00 | 6.50 | 7.00 | 7.50 | 8.00 | 9.00 | 10.00 | 10.50 | 11.50 | 13.00 | 14.00 |
| | mm | 108 | 117 | 127 | 165 | 178 | 190 | 203 | 229 | 254 | 267 | 292 | 330 | 356 |
| H (open) | in. | 7.8 | 8.2 | 8.8 | 11.1 | 13.2 | 14.8 | 17.5 | 20.6 | 23.9 | 28.0 | 36.2 | 44.0 | 52.1 |
| | mm | 198 | 208 | 224 | 282 | 336 | 375 | 445 | 523 | 606 | 710 | 920 | 1117 | 1324 |
| D | in. | 3.5 | 3.5 | 3.9 | 5.5 | 6.3 | 7.1 | 7.9 | 8.9 | 9.8 | 9.8 | 11.8 | 13.8 | 15.8 |
| | mm | 90 | 90 | 100 | 140 | 160 | 180 | 200 | 225 | 250 | 250 | 300 | 350 | 400 |

# Class 300 GATE VALVE

Pressure-Temperature Rating: ASME B 16.34

300UMA
300UMAM






**Materials**

| Parts | 300UMA | 300UMAM |
|---|---|---|
| Body | CF8 | CF8M |
| Bonnet | CF8 | CF8M |
| Stem | 304 | 316 |
| Disc | CF8 | CF8M |
| Gland | 304 | 316 |
| Gland flange | CF8 | |
| Gland packing | Refer to Page 10 | |
| Gasket | Refer to Page 10 | |
| Yoke* | Ductile iron | |
| Yoke sleeve | Ductile Ni-resist | |
| Handwheel | Ductile iron | |
| Gland bolt/nut | B8/8 | |
| Gland bolt pin | 403 | |
| Bonnet bolt/nut | B8/8 | |
| Grease nipple** | Carbon steel | |
| Name plate | Aluminum | |

*Yoke is separated from bonnet for size 10 and larger.
**For size 10 and larger.
Note: • Body seats and/or disc seats can be optionally hard-faced.
• Flexible wedge for all sizes.

| Items | |
|---|---|
| Face-to-Face Dimensions | ASME B16.10 |
| End Flange Dimensions | ASME B16.5 |
| Wall Thickness | ASME B16.34 Class 300 |

| Nominal Size | | 1/2 | 3/4 | 1 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 15 | 20 | 25 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| L | in. | 5.50 | 6.00 | 6.50 | 7.50 | 8.50 | 9.50 | 11.12 | 12.00 | 15.00 | 15.88 | 16.50 | 18.00 | 19.75 |
| | mm | 140 | 152 | 165 | 190 | 216 | 241 | 283 | 305 | 381 | 403 | 419 | 457 | 502 |
| H (open) | in. | 8.1 | 8.5 | 9.3 | 11.5 | 13.9 | 15.9 | 18.5 | 22.1 | 24.7 | 29.7 | 38.1 | 46.1 | 54.3 |
| | mm | 207 | 217 | 236 | 292 | 353 | 404 | 470 | 560 | 626 | 753 | 968 | 1170 | 1380 |
| D | in. | 3.9 | 3.9 | 3.9 | 5.5 | 7.1 | 7.1 | 8.9 | 9.8 | 11.8 | 13.8 | 15.8 | 17.7 | 19.7 |
| | mm | 100 | 100 | 100 | 140 | 180 | 180 | 225 | 250 | 300 | 350 | 400 | 450 | 500 |