



Cast steel gate valves flanged RF ANSI class # 300



Art. 1502

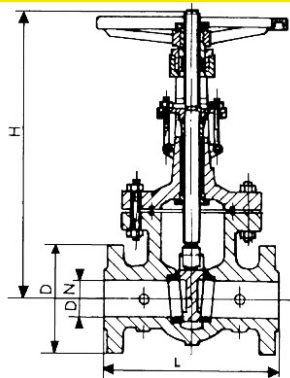
Design & construction: API 600, API 6D
 Face to face length: ASME / ANSI B16.10
 Connections & dimensions: ASME / ANSI B16.5, ASME / ANSI B 16.25
 Flanges: RF ANSI #300
 Pressure & temperature: ASME / ANSI B16.34
 Test: API 598

The cast steel gate valves are on-off valves manufactured according to API, ANSI, ASME standard, for industrial applications. The features of these cast steel gate valves are: outside screw and yoke, bolted bonnet , flexible or solid wedge, rising stem with top sealing. Standard materials are A216WCB/F6, other materials and other trims are available. Handwheel operated in standard execution, reducing gear or electric actuator on request.

Materials

| | |
|-------------------|------------------------------------|
| body-bonnet | cast steell A216WCB, GP240GH+N |
| stem | A182 F6 |
| body seat facing | A182 F6 |
| wedge ring facing | A182 F6 |
| stem paking | graphite |
| gasket | graphite |
| painting | high chlorinated polyethylene HCPE |

Dimensions



| DN | L mm. | H mm. | D mm. | Weight kg. |
|-----|-------|-------|-------|------------|
| 2" | 216 | 380 | 165 | 29 |
| 3" | 283 | 480 | 210 | 54 |
| 4" | 305 | 540 | 254 | 74 |
| 6" | 403 | 675 | 318 | 145 |
| 8" | 419 | 870 | 381 | 210 |
| 10" | 457 | 985 | 445 | 369 |
| 12" | 502 | 1200 | 521 | 474 |
| 14" | 762 | 1350 | 583 | 749 |
| 16" | 838 | 1460 | 648 | 902 |
| 18" | 914 | 1630 | 711 | 1192 |
| 20" | 991 | 1800 | 775 | 1558 |
| 24" | 1143 | 2150 | 914 | 2550 |

Pressure

Hydrostatic test

Pneumatic test

| shell | | seat | | Pneumatic test | |
|-------|------|------|------|----------------|------|
| bars | psig | bars | psig | bars | psig |
| 78 | 1130 | 58 | 840 | 5,6 | 80 |

