



Cast steel gate valves flanged RF ANSI class # 300



Art. 1502

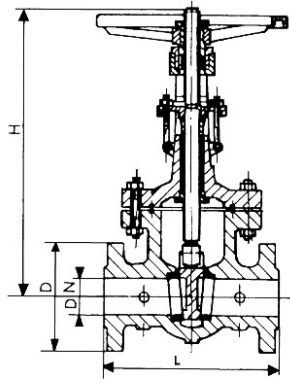
Design & construction: API 600, API 6D  
 Face to face length: ASME / ANSI B16.10  
 Connections & dimensions: ASME / ANSI B16.5, ASME / ANSI B 16.25  
 Flanges: RF ANSI #300  
 Pressure & temperature: ASME / ANSI B16.34  
 Test: API 598

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   |

