

**Valve Specification**  
**Gate Valve**

Specification  
**VALVE1501**

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**Project:** DPES WEEKEND PROJECT  
**Scope:** ASME B31.3  
**Limits:** CL150 -200 to 400°C / ASME B16.5  
**Material Group:** CRNI-STEEL (ASME)  
**Fluid Group:** fluid group 006, fluid group 016

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**Connection:**

Flanged / Flanged  
Raised Face RF  
<= NPS 24, flanges acc. to ASME B16.5  
> NPS 24, flanges acc. to ASME B16.47 Series A

**End to End Dimension:**

ASME B16.10

**Material:**

Body/Bonnet:ASME B16.34, Material Group 2.1 and 2.3  
Bonnet gasket:CrNi-graphite  
Bolts & Nuts:ASTM A193 Gr. B8-C12, ASTM A194 Gr.8A  
Trim analogous API 600 No.2 or 10

**Design:**

<= NPS 24 API 600, > NPS 24 analogous API 600  
Closure Part: NPS 3 to 16 flexible wedge, > NPS 16 flexible or split wedge  
Handgear: acc. to RSP 1032  
Body/Bonnet connection flanged  
Extended bonnet L=300  
All parts contacting fluid free of nonferrous metals

**Quality Assurance:**

Seat leakage rates acc. to technical purchase specification

**General:**

All specified data are minimum requirements  
All parts not specified are to be designed acc. to scope, service and fluids by manufacturers option