

Valve Specification
Gate Valve

Specification
VALVE1501

Project: DPES WEEKEND PROJECT
Scope: ASME B31.3
Limits: CL150 -20 to 400°C / ASME B16.5
Material Group: CRNI-STEEL (ASME)
Fluid Group: fluid group 016, fluid group 011

Connection:

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

End to End Dimension:

ASME B16.10

Material:

Body/Bonnet:ASME B16.34, Material Group 2.2 and 2.3
Bonnet gasket:CrNi-graphite
Bolts & Nuts:ASTM A193 Gr. B8, 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 split wedge, > NPS 16 flexible 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