

Valve Specification
Gate Valve

Specification
VALVE1502

Project: DPES WEEKEND PROJECT
Scope: ASME B31.3
Limits: CL150 -29 to 425°C / ASME B16.5
Material Group: CARBON STEEL HIGH TEMP.
Fluid Group: fluid group 001, fluid group 010, fluid group 011, fluid group 013

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 1.1
Bonnet Gasket: CrNi-Graphite
Bolts & Nuts: ASTM A193 Gr.B7, ASTM A194 Gr.4
Trim: API 600 No. 5 or 8

Design:

API 600 <= NPS 24, analogous API 600 > NPS 24
Closure Part: <= NPS 2 solid wedge, > NPS 2 to 16 flexible wedge, > NPS16 flexible or split wedge
Body/Bonnet connection flanged
Handgear: acc. to RSP 1032
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