

**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

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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 API 602

**Material:**

Body/Bonnet: ASME B16.34, Material Group 1.2  
Bonnet Gasket: CrNi-Graphite  
Bolts & Nuts: ASTM A193 Gr.B7, ASTM A194 Gr.4  
Trim: API 600 No. 2

**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. API

**General:**

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