



the pressure vessel has to be calculated for adequate reinforcement at its particular size ("D")

categorie: IV

module: G

test pressure see enclosure

marks acc. appendix I No. 3.3. PED

max. working pressure: +2/-1bar/FV

max. working temperature: +280°C

execution of the weldingprocedures by examined welders with a tested filler metal (TUV/ASME)

weldingdetails according to drawing No.: 1001

material test reports for pressure frequented parts:

plate: 3.1/EN10204, AD-W2 (W10) / ASME

flange: 3.1/EN10204, AD-W2 (W9) / ASME

safe load implementation of joint components position 11-17

acc. to techn. report No.: WB-M-960127121 attachment with

drawing No.: 200 00 02

cutting test and non-destructive test acc. to AD

- instructions HP 5/2 and 5/3

| | | | | | |
|-------------------------------------|----|--------------------------------|----------------|-----------|----------|
| 17 | 8 | bolt ϕ 16mm | 1.4301 | 3.1 AD-W2 | 2019 |
| 16 | 16 | butt strap 6mm | 1.4301 | 3.1 AD-W2 | 2019 |
| 15 | 16 | circlep ϕ 16mm | 1.4122 | | 2019 |
| 14 | 8 | screw M16x135mm | A4-70 | 3.1 AD-W2 | 2015 135 |
| 13 | 8 | sleeve ϕ 4,0mm | 1.4301 | 3.1 AD-W2 | 2017 |
| 12 | 8 | washer | 1.4310 | | |
| 11 | 8 | plastic handle M16 | 1.4301/Duropl. | 3.1 AD-W2 | 2016 |
| 10 | 1 | handle ϕ 8mm | 1.4301 | 2.2 | 2021 |
| 9 | 1 | hinge | 1.4301 | 2.2 | |
| 8 | 1 | circlep ϕ 12mm | 1.4122 | | 2013 |
| 7 | 2 | hinge butt strap 8mm | 1.4301 | 2.2 | |
| 6 | 1 | bolt ϕ 12mm | 1.4301 | 2.2 | 2013 |
| 5 | 1 | gasket ϕ 70,7x ϕ 8mm | Silikon | | Standard |
| 4 | 1 | neck 126x4mm | 1.4571 | 3.1 AD-W2 | |
| 3 | 1 | neck flange | 1.4571 | 3.1 AD-W2 | |
| 2 | 1 | cover R_700x3mm | 1.4571 | 3.1 AD-W2 | |
| 1 | 1 | cover flange | 1.4571 | 3.1 AD-W2 | |
| Pos./Anz | | Benennung | Material | WAZ | EN10204 |
| ZFP/NDE: | | | none | | |
| Zusatzwerkstoff/filler metal: | | | 1.4430 | | |
| Schweißverfahren/welding procedure: | | | PAW/GMA/SAW | | |
| Schweißverfahren/joint efficiency: | | | 0,85 | | |

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|--|--|---|-----------|---|--|
| zimmerlin ERLEBEN SIE DIE TECHNISCHE QUALITÄT ZIMMERLIN FÜR ALLE ANWENDUNGSBEREICHE IN DER INDUSTRIE UND IM HAARBESITZ FÜR DEN SCHUTZ UND DIE ERHALTUNG | | Firmenbezeichnung: zimmerlin 79268 Behringers Tel. 069-470763-0 Fax 069-470763-88 info@zimmerlin.de www.zimmerlin.de | | Allgemeine Daten Durchmesser: DN ISO 2108 m Werkstoff (Medienverträglichkeit): 1.4571 Maßstab: 1:3 | |
| 7 | | Datum: | Name: | zul. Betriebs-Temp. 50°C | |
| 6 | | Bezeichnung: | Schrafer: | zul. Betriebs-Druck +2/-1bar | |
| 5 | | Gezeichnet: | | | |
| 4 | | Norm: | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| Zust. Änderungen: | | Datum: | Name: | 27022806-engl | |