



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

category: IV

module: G

test pressure see enclosure

marks acc. appendix I No. 3.3. PED

max. working pressure: +8/-1bar /FV

max. working temperature: +250°C

execution of the weldingprocedures by examined welders with a tested filler metal (TÜV/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 | 4 | bolt ϕ 16mm | 1.4301 | 3.1 AD-W2 | 2019 |
| 16 | 8 | bolt strap 6mm | 1.4301 | 3.1 AD-W2 | 2018 |
| 15 | 8 | circlep ϕ 16mm | 1.4122 | | 2019 |
| 14 | 4 | screw M16x125mm | A4-70 | 3.1 AD-W2 | 2015 125 |
| 13 | 4 | sleeve ϕ 4,0mm | 1.4301 | 3.1 AD-W2 | 2017 |
| 12 | 4 | washer | 1.4301 | | |
| 11 | 4 | plastic handle M16 | 1.4301/Duropl. | 3.1 AD-W2 | 2016 |
| 10 | 1 | knob | 1.4301/Duropl. | | |
| 9 | 1 | hinge | 1.4301 | 2.2 | 2013 |
| 8 | 1 | circlep ϕ 12mm | 1.4122 | | |
| 7 | 2 | hinge bolt strap 6mm | 1.4301 | 2.2 | 2025k |
| 6 | 1 | bolt ϕ 12mm | 1.4301 | 2.2 | 2013 |
| 5 | 1 | gasket ϕ 25,7x 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_500x5mm | 1.4571 | 3.1 AD-W2 | |
| 1 | 1 | cover flange | 1.4571 | 3.1 AD-W2 | |
| Pos./Anz. | | Benennung | Material | WAZ-EN10204 | Z-Nr. |
| ZFP-Nr.: | | | none | | |
| Zusatzwerkstoff/filler metal: | | | 1.4430 | | |
| Schweißverfahren/welding procedure: | | | PAW/PAW/SM | | |
| Schweißnahtausnutzung/joint efficiency: | | | 0.85 | | |

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|---|-------|---|--|---|--|
| zimmerlin ERBETECHNIK GMBH für den Stahl- und Anlagenbau www.zimmerlin.de | | Firmenadresse 19 79388 Behringen Tel. 0049-7063-608-4 Fax 0049-7063-608-88 info@zimmerlin.de für den Stahl- und Anlagenbau www.zimmerlin.de | | Allgemeine Daten Durchmesser: DN ISO 2108 m Werkstoff (Medienverträglich): 1.4571 Maßstab: 1:2 | |
| 7 | | Datum | Name | zul. Betriebs-Temp | |
| 6 | | Beorb. gepr. | Schäfer | zul. Betriebs-Druck | |
| 5 | | | | +8/-1bar | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | | | |
| 1 | | | | | |
| Zust. Änderungen | Datum | Name | KUNDENSPEZIFIKATIONEN/ANWENDUNGSBEZUGLICH 22582504 engl | | |