



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: +6/-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	10	bolt	Ø16mm	1.4301	3.1 AD-W2	2019
16	20	butt strap	6mm	1.4301	3.1 AD-W2	2018
15	20	circclip	Ø16mm	1.4122		2019
14	10	screw	M16x135mm	A4-70	3.1 AD-W2	2015 135
13	10	sleeve	Ø4,0mm	1.4301	3.1 AD-W2	2017
12	10	washer		1.4301		
11	10	plastic handle	M16	1.4301/Duropl.	3.1 AD-W2	2016
10	1	handle	Ø8mm	1.4301	2.2	2021
9	1	hinge	L=45mm	1.4301	2.2	
8	1	circclip	Ø 12 mm	1.4122		2013
7	2	hinge	butt strap 8mm	1.4301	2.2	
6	1	bolt	Ø12mm	1.4301	2.2	2013
5	1	gasket	Ø50,7xØ8mm	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_500x4mm	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/NDE:			none			
Zusatzwerkstoff/filler metal:			1.4430			
Schweißverfahren/welding procedure:			PAM/DA/SM			
Schweißnahtausnutzung/joint efficiency:			0,85			

<b>zimmerlin</b> EDELSTAHL-TECHNIK GMBH für den Stahlbau und Anlagenbau www.zimmerlin.de		Firmenadresse 19 79386 Behringers Tel. 0049(0)7633(0)83-4 Fax 0049(0)7633(0)83-88 info@zimmerlin.de www.zimmerlin.de		Allgemeine Daten Durchmesser: DN ISO 2108 m Werkstoff (Medienrichtl.): 1.4571 Maßstab: 1:2,5	
7		Datum	Name	zul. Betriebs-Temp	
6	Bearb.	17.06.2010	Schäfer	250°C	
5	gepr.			zul. Betriebs-Druck	
4				+6/-1bar	
3				pressure dome cover NW500	
2					
1	Zust. Änderungen	Datum	Name	25062510 engl	