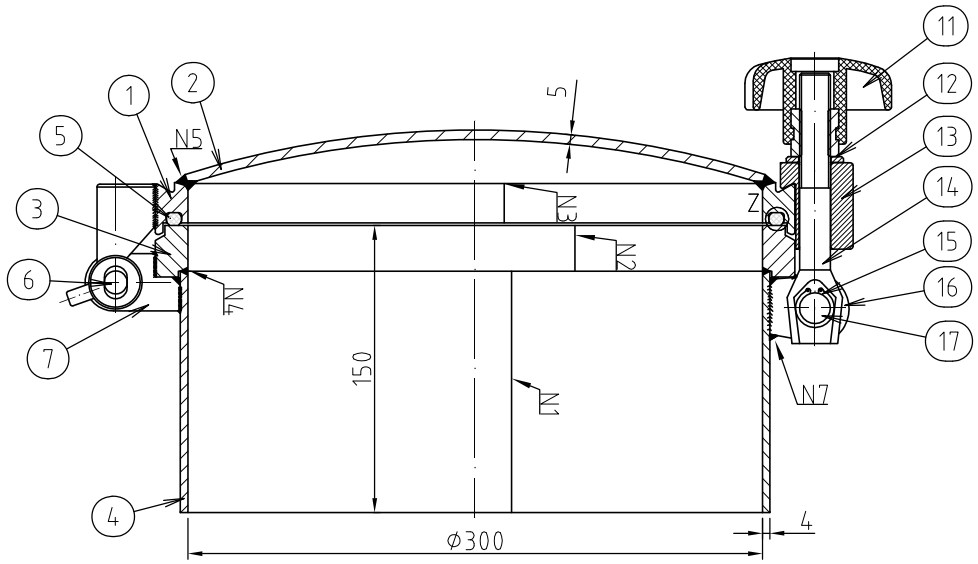

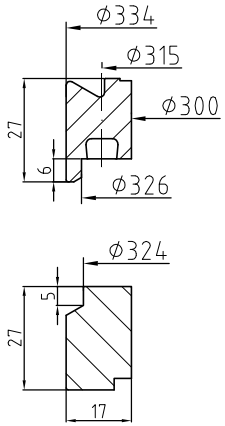

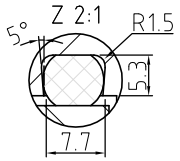

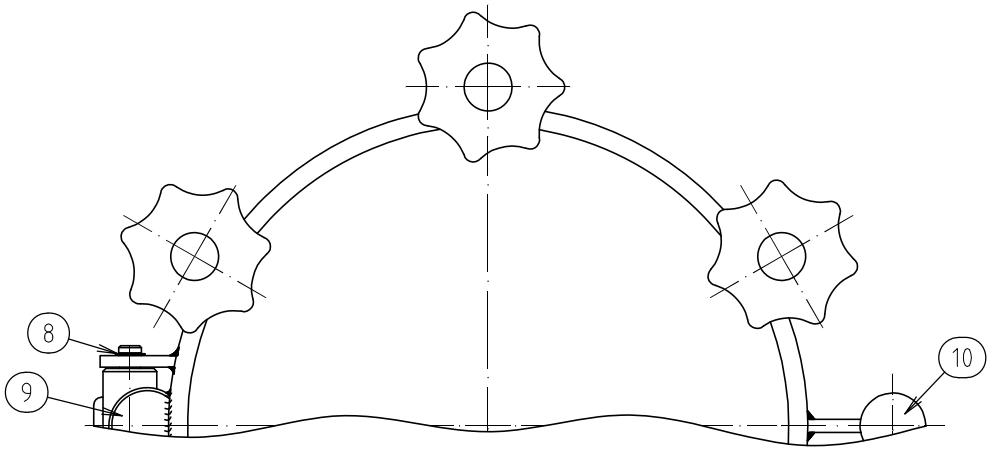

the pressure vessel has to be calculated for adequate reinforcement at its particular size ("D")

categorie: IV
module: G
test pressure see enclosure
marks acc. appandix I No. 3.3. PED

max. working pressure: +4/-1bar/FV
max. working temperature: +200°C

execution of the weldingprocedures by examined welders with a testet 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

Pos.	Anz.	Benennung	Material	WAZ EN10204	Z.-Nr.
17	6	bolt Ø16mm	1.4301	3.1 AD-W2	2019
16	12	butt strap 6mm	1.4301	3.1 AD-W2	2018
15	12	circlip Ø16mm	1.4122		2019
14	6	screw M16x125mm	A4-70	3.1 AD-W2	2015 125
13	6	sleeve Ø40mm	1.4301	3.1 AD-W2	2017
12	6	washer	1.4301		
11	6	plastic handle M16	1.4301/Duropl.	3.1 AD-W2	2016
10	1	handle Ø8mm	1.4301	2.2	2021
9	1	hinge	1.4301	2.2	
8	1	circlip Ø12mm	1.4122		2013
7	2	hinge butt strap 6mm	1.4301	2.2	2025k
6	1	bolt Ø12mm	1.4301	2.2	2013
5	1	gasket Ø307xØ8mm	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	

ZfP/NDE:	none
Zusatzwerkstoff/filler metal:	1.4430
Schweißverfahren/welding procedure:	PAW/GTAW/SAW
Schweißnahtausnutzung/Joint efficiency	0,85

zimmerlin
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Fax: 0049-(0)7663/6088-88
info@zimmerlin.de
www.zimmerlin.de

Allgemeintoleranzen	DIN ISO 2768 m
Werkstoff (Mediumberührt):	1.4571
Maßstab	1:2
zul. Betriebs-Temp:	250°C
zul. Betriebs-Ü-Druck:	+8/-1 bar

Zust.	Änderungen	Datum	Name		Datum	Name
7						
6				Bearb.	15.06.2010	Schäfer
5				Gepr.		
4				Norm		
3						
2						
1						

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pressure dome cover NW300

23082506 engl