

GVN STANDART PRODUCT

Customer

COALESCENT OIL SEPARATORS & RESERVOIR

Product

OS.CR.45b.42.1

Code

Customer Code

DESIGN DATA

Pre-charge / Capacity [Lt.]	6,7 / 17,9
Design Pressure [PS]	45 Bar
Pneumatic Test Pressure [PT]	50 Bar
Hydraulic Test Pressure	65 Bar
Design Temperature [TS]	Min.-20C / Max.+130C
Cooler Fluid Type	HFC-CFC-HCFC-R744
Fluid Group	2
Category	CAT II / D1
Desing Calculation	EN 14276-1/EN 13445-3
Welded Joint Efficiency	0.85
Material Group (Shell / Head)	1.2
Testing Group	3b
Corrasion Allowance	0,5 mm
Ndt	10%
Packaging Size & Weight	00*00*00 & 00 Kg.
Drawed By	M.ABDULAZİZ
Approved By	D.GÜL
Date	07.04.2023
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Outlet Connection	ODS 1 5/8" H:50	106.060.B09.000.004	E275	1
2	Inlet Connection	ODS 1 5/8" H:76,5	106.060.B09.000.008	E275	1
3	Oil Return Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
4	Outlet Valve	RV.45b-3/8S		E275	1
5	Pipe	Ø13x1	204.A13.010.000.120	EN10297-1 E235	1
6	Sight Glass Type Conn.	SG-SW38 H:27	106.05W.038.001.001	E275	2
7	Sight Glass	SW38	SW-38	E275-ST44	2
8	Elbow	42.4x2.6	114.042.001.001.001	S235JR	1
9	Holder Support	Ø68x5 H:32	105.010.FK0.098.003	S235	1
10	Filter Holder	Ø132x10	105.010.FK0.098.005	S235	1
11	Threaded Rod	M8 x 360mm	109.080.360.088.C01	8.8	1
12	Filter	FK.98.1	FK.98.1		1
13	Plastic Washer	Ø55x2	109.080.000.000.P01		1
14	Metal Washer	Ø55x3	105.010.FK0.098.004		1

GENERAL NOTES

- Max. allowable operating pressure (PS) according to the temperature range:
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 45 Bar
- 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 33 Bar
- Unless otherwise specified dimensions in MM
- Unless otherwise specified do not scale
- Unless otherwise specified tube must be clean&free from burrs inside&outside&suitable for soldering
- Unless otherwise specified do not scale indicated thickness are min. after forming or machining
- Unless otherwise specified dimension tolerances according to EN 113445-4

REVISIONS

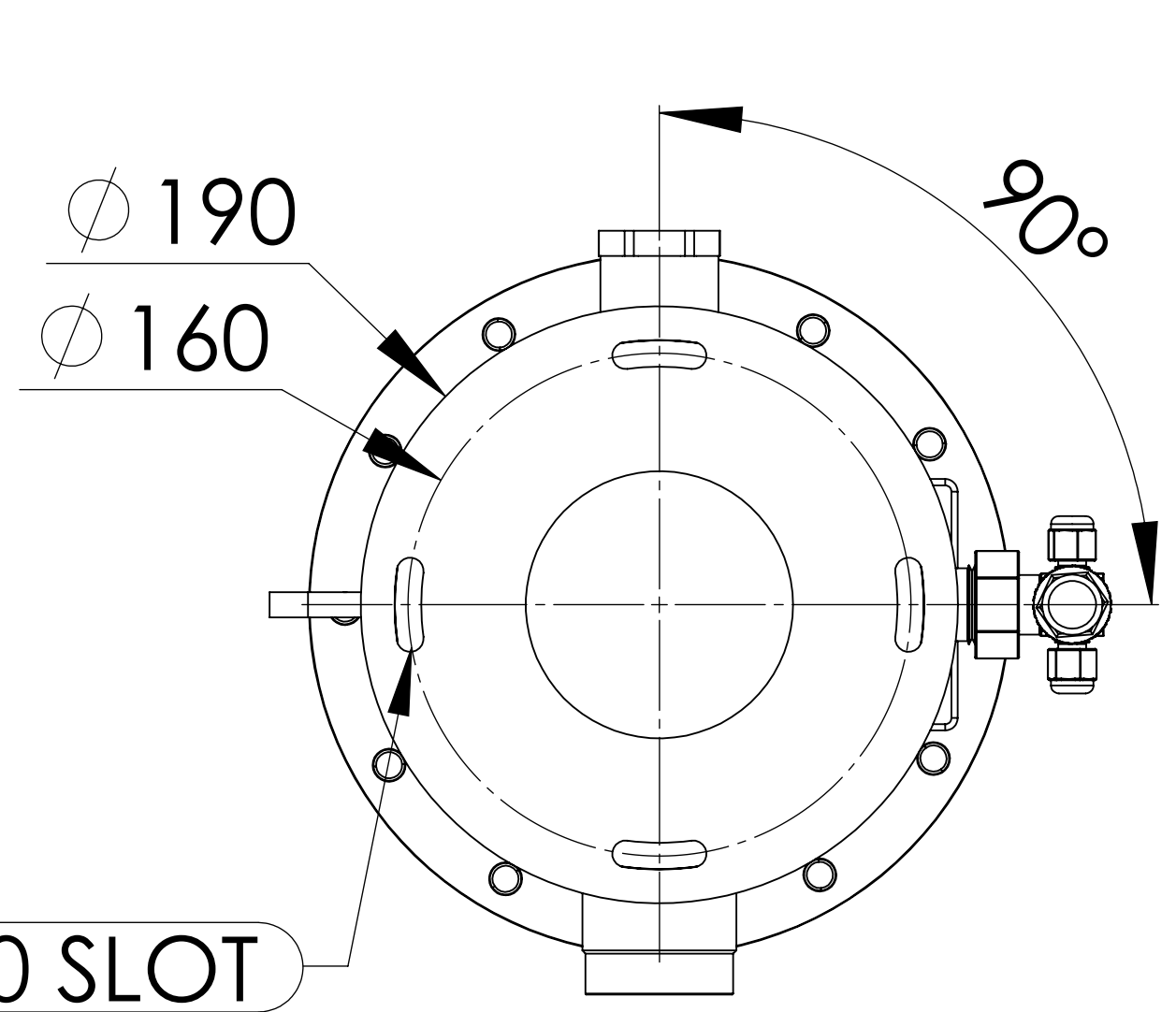
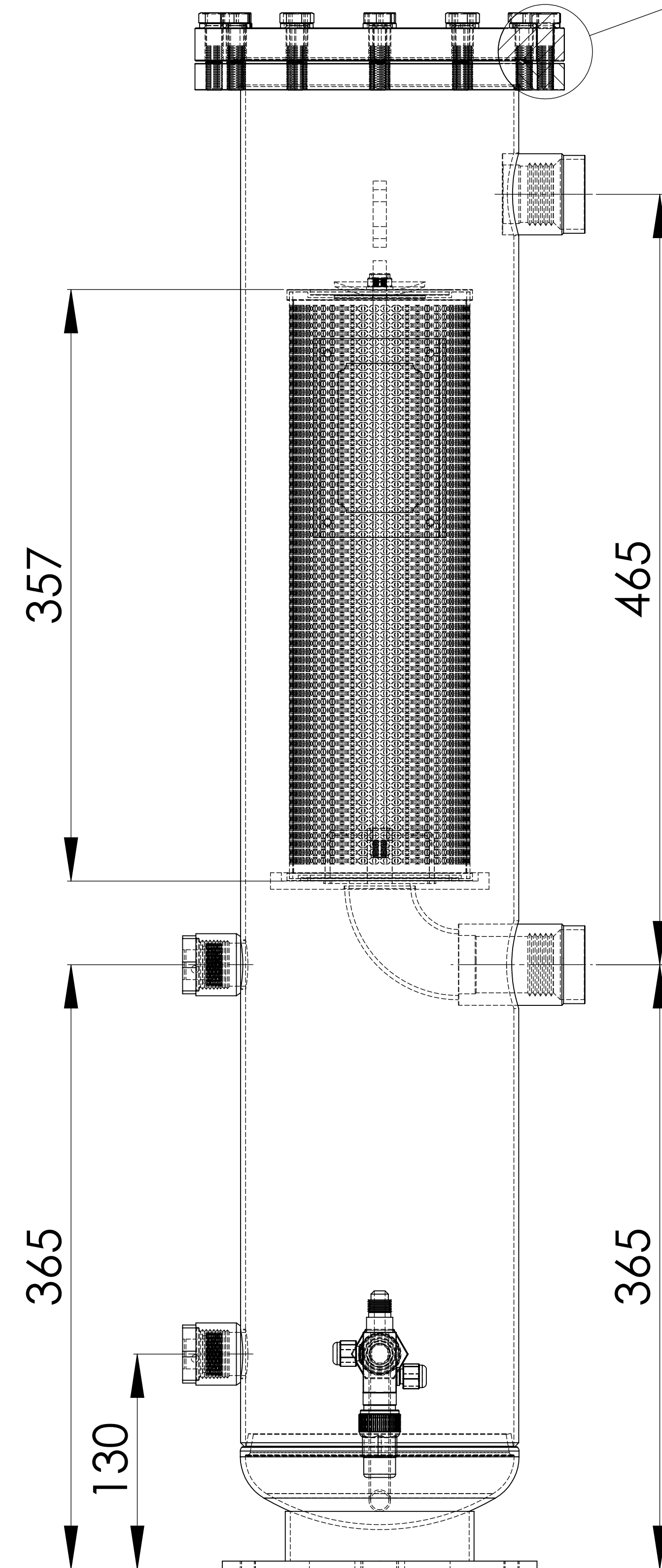
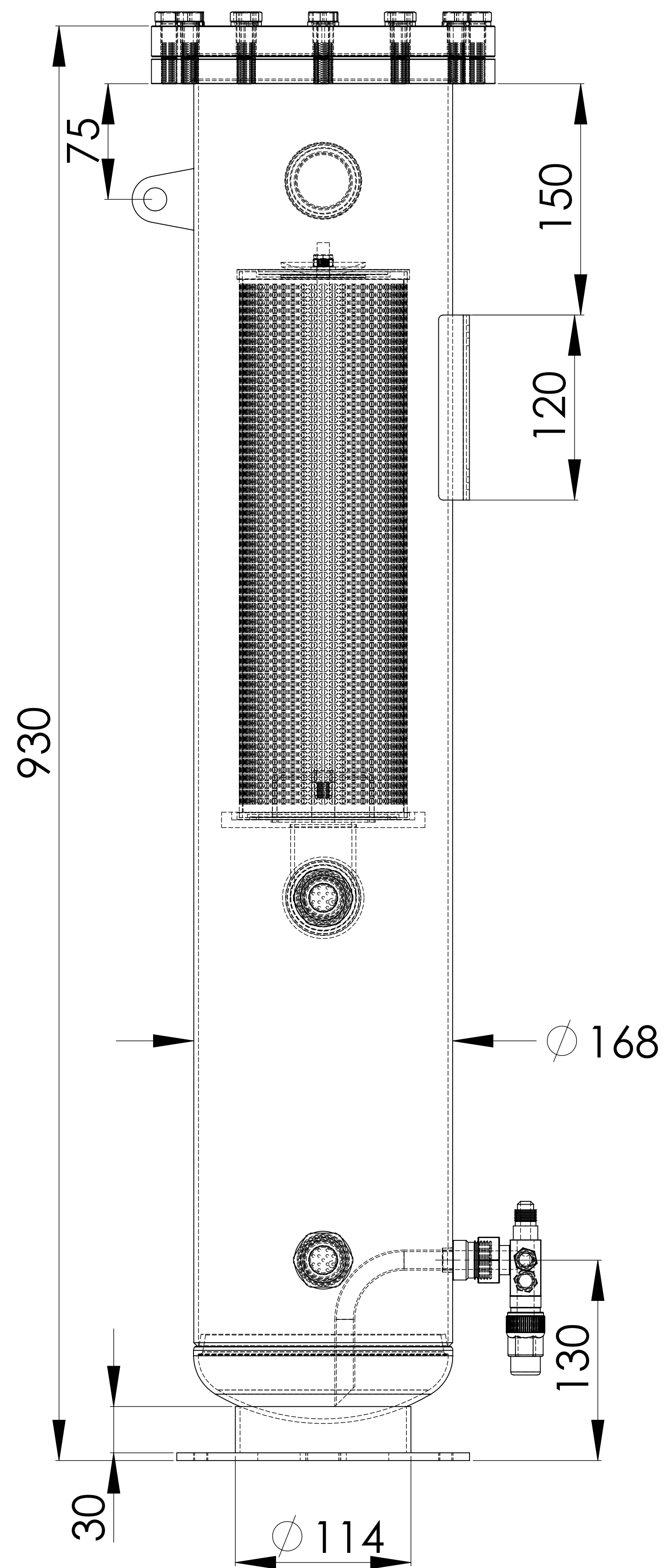
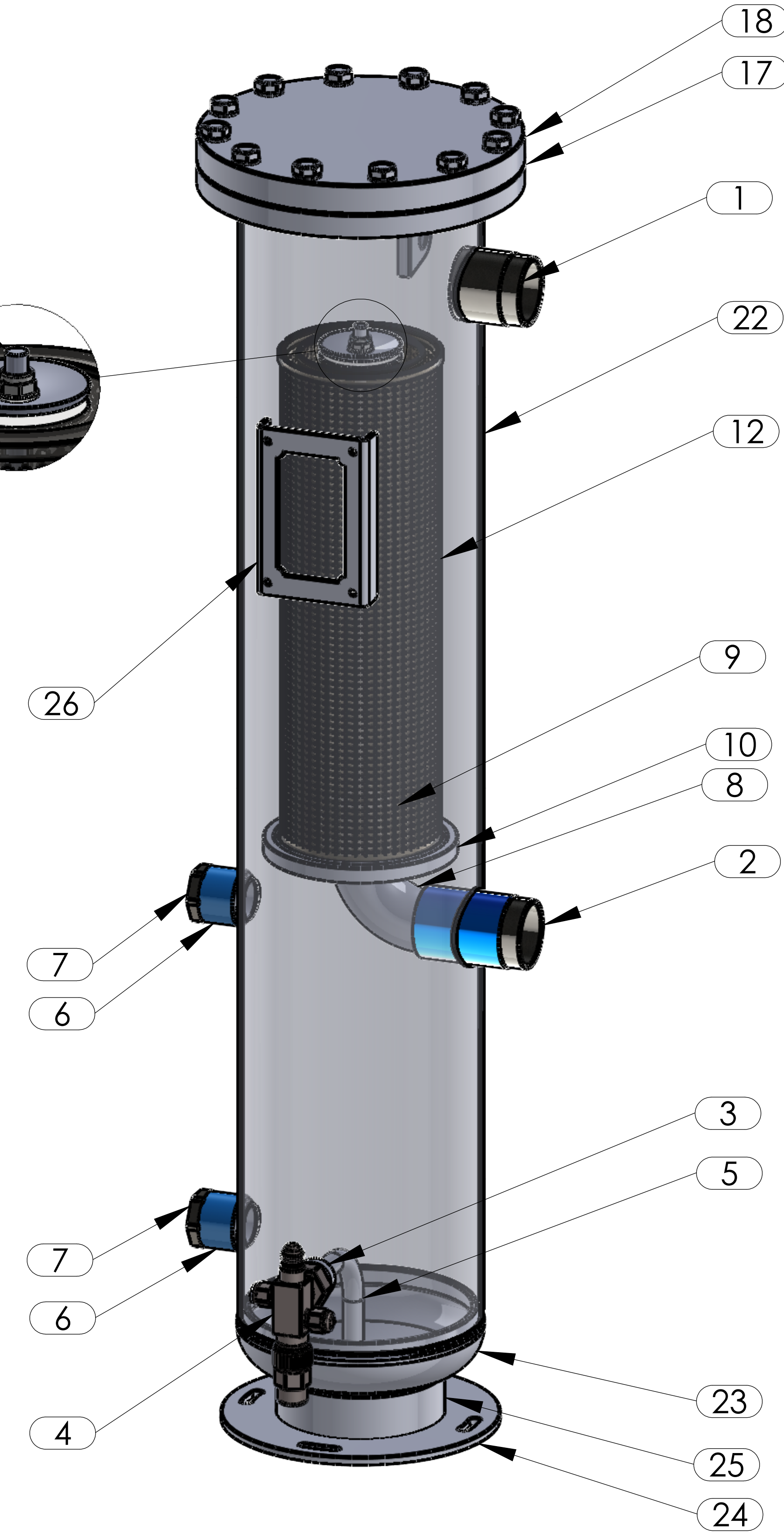
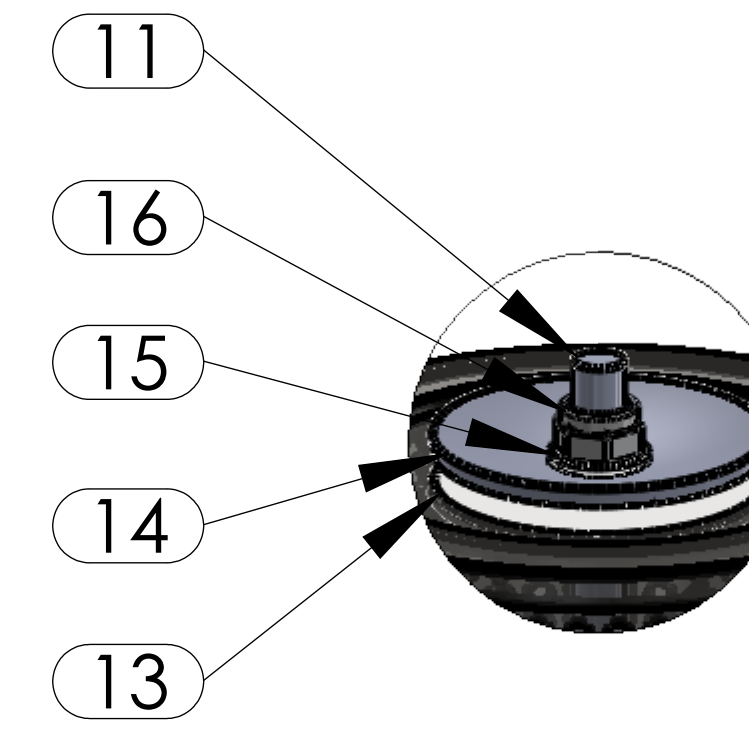
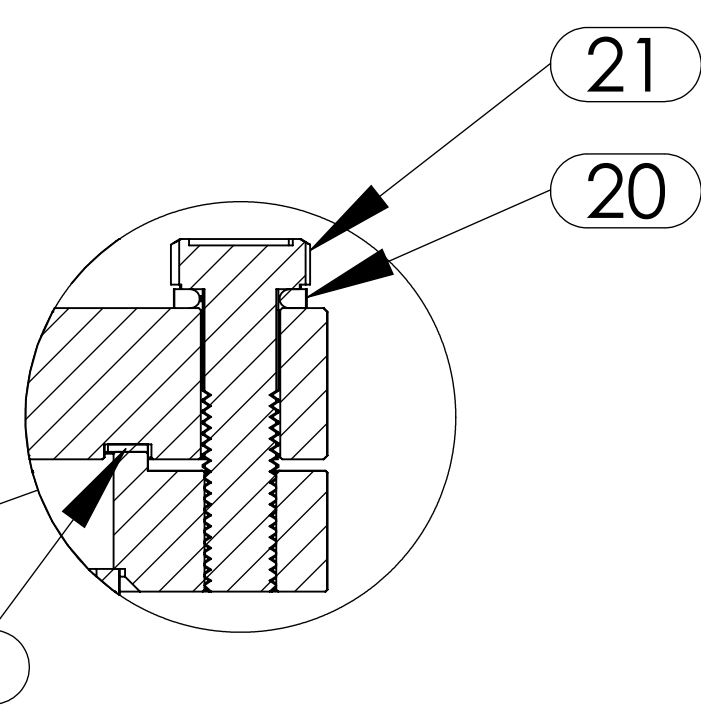
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01			
02			
03			

RELATED DRAWINGS

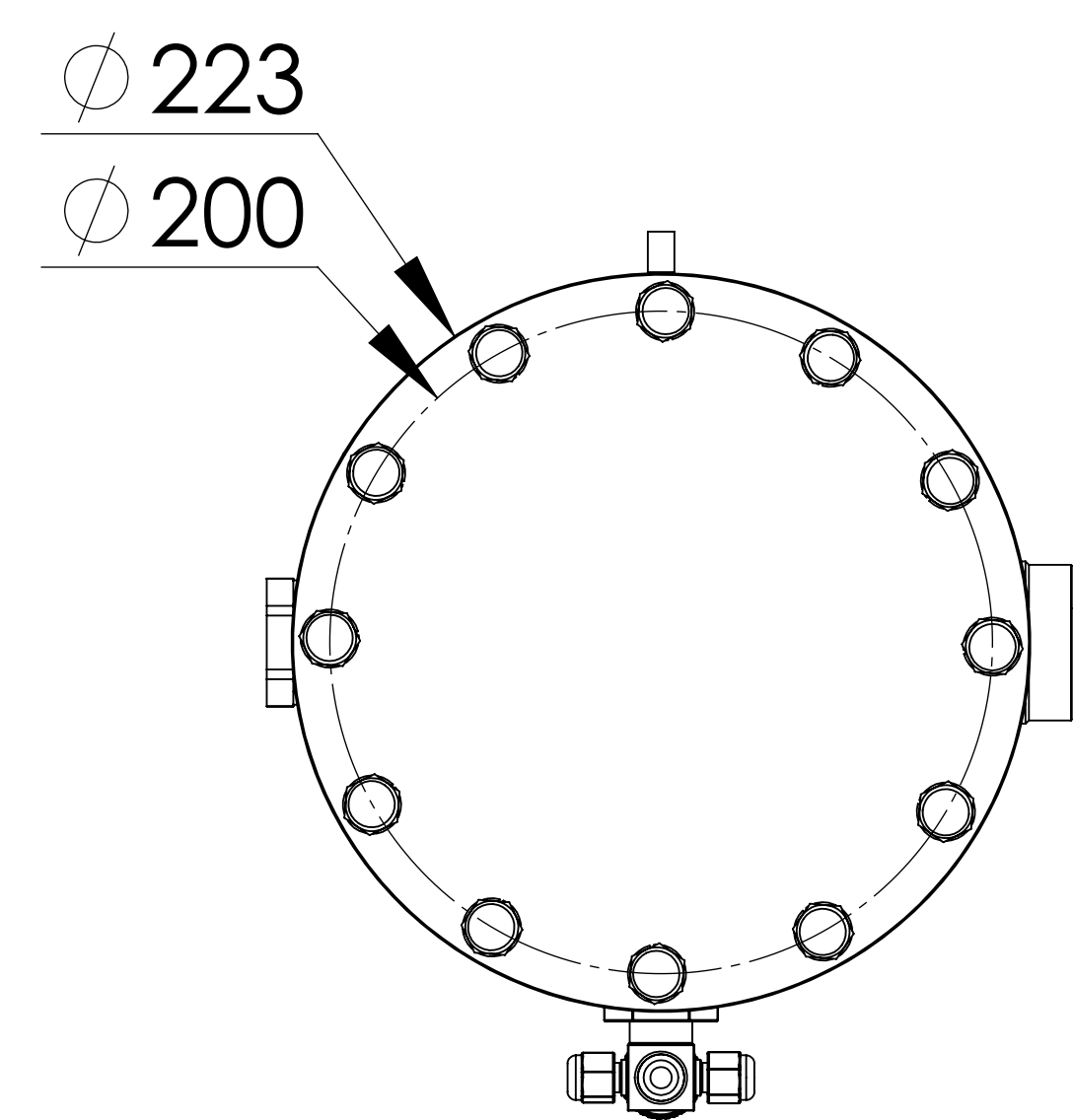
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Bottom View



Top View

No	Assembly Codes	Qty
1	M005.000439	1

No	Connection	Model	Code	Material	Qty
15	Plastic Washer	M8	109.080.000.000.P03		1
16	Lock Nut	M8	109.080.000.000.SF1		1
17	Bottom Flange	Ø223x16	107.045.OSC.168.002	P355GH+N	1
18	Top Flange	Ø223x20	107.045.OSC.168.001	P355GH+N	1
19	Gasket	KLINGERIT	108.175.165.000.K01	GP-150	1
20	Washer	M10	109.100.000.000.R01		12
21	Bolt	M10x40	109.100.040.088.C01	8.8	12
22	Shell	Ø168x3 H:620	204.OSC.R45.042.001	P355NH-EN10217-3	1
23	Head - Torispheric	Ø168x3 H:50	101.045.168.001.000	EN10028-2 P355GH	1
24	Base Plate	Ø190x5	105.005.190.001.001	S235JR	1
25	Skirt	Ø114x30	104.130.H30.190.114	S235JR	1
26	Label Plate	120x80x2	105.006.002.120.080	DD-13	1
27	Lifting	40x40x8	105.011.MP0.040.040	S235-JR	1