

GVN STANDARD PRODUCT **Customer**

COALESCENT OIL SEPARATORS **Product**

OS.C.130b.09.1 **Code**

Customer Code

DESIGN DATA

Pre-charge / Capacity [Lt.]	0,5 / 1,3
Design Pressure [PS]	130 Bar
Pneumatic Test Pressure [PT]	143 Bar
Hydraulic Test Pressure	186 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	17.03.2023
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ODS 3/8" H:50	106.130.B02.000.001	Ø20 ST44-E275	1
2	Outlet Connection	ODS 3/8" H:45	106.130.B02.000.003	Ø20 ST44-E275	1
3	Oil Return Connection	ODS 1/4" H:45	106.130.B01.000.003	Ø20 ST44-E275	1
4	Pipe	Ø6x1	204.A06.001.000.145	S235JR	1
5	Level Sensor Conn.	NPT 1/2"	106.130.F04.000.001	E275	1
6	Blind Plug	NPT 1/2" Plug	106.130.F04.001.001	E275	1
7	Elbow	21,3x2,0	114.021.001.001.001	S235JR	1
8	Filter Holder	Ø50x13mm	105.010.FK0.040.001	S235	1
9	Threaded Rod	M6	109.060.146.088.C01	8.8	1
10	Filter	FK.40.1	FK.40.1		1
11	Plastic Washer	M6	109.060.000.000.P01		1
12	Lock Nut	M6	109.060.000.000.SF1		1
13	Bottom Flange	Ø134mm	107.130.OSC.076.002	P355GH	1
14	Top Flange	Ø134mm	107.130.OSC.076.001	P355GH	1

GENERAL NOTES

- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 130 Bar
- 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 97,5 Bar
- Unless otherwise specified dimensions in MM
- Unless otherwise specified do not scale
- Unless otherwise specified tube must be clean&free form 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

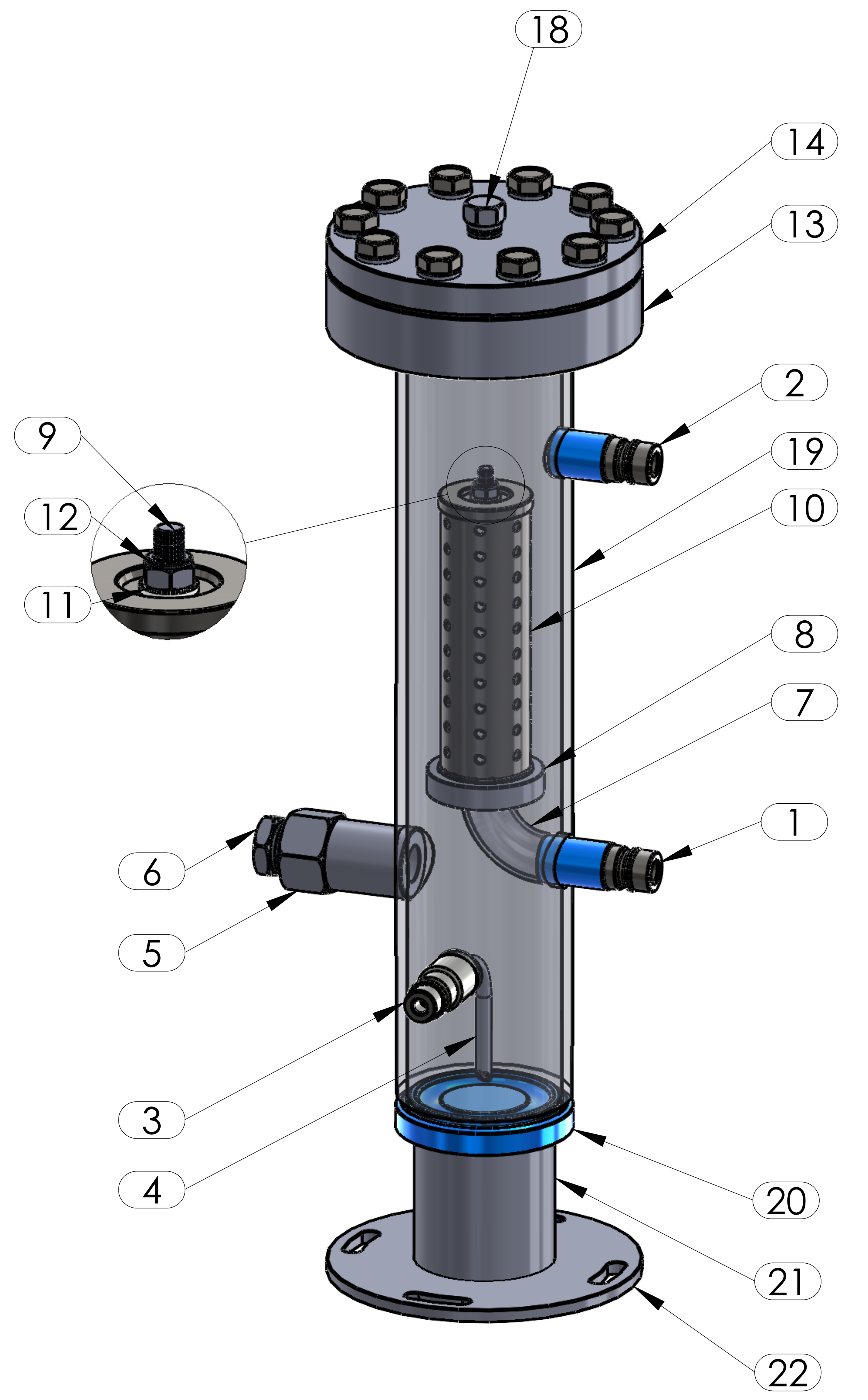
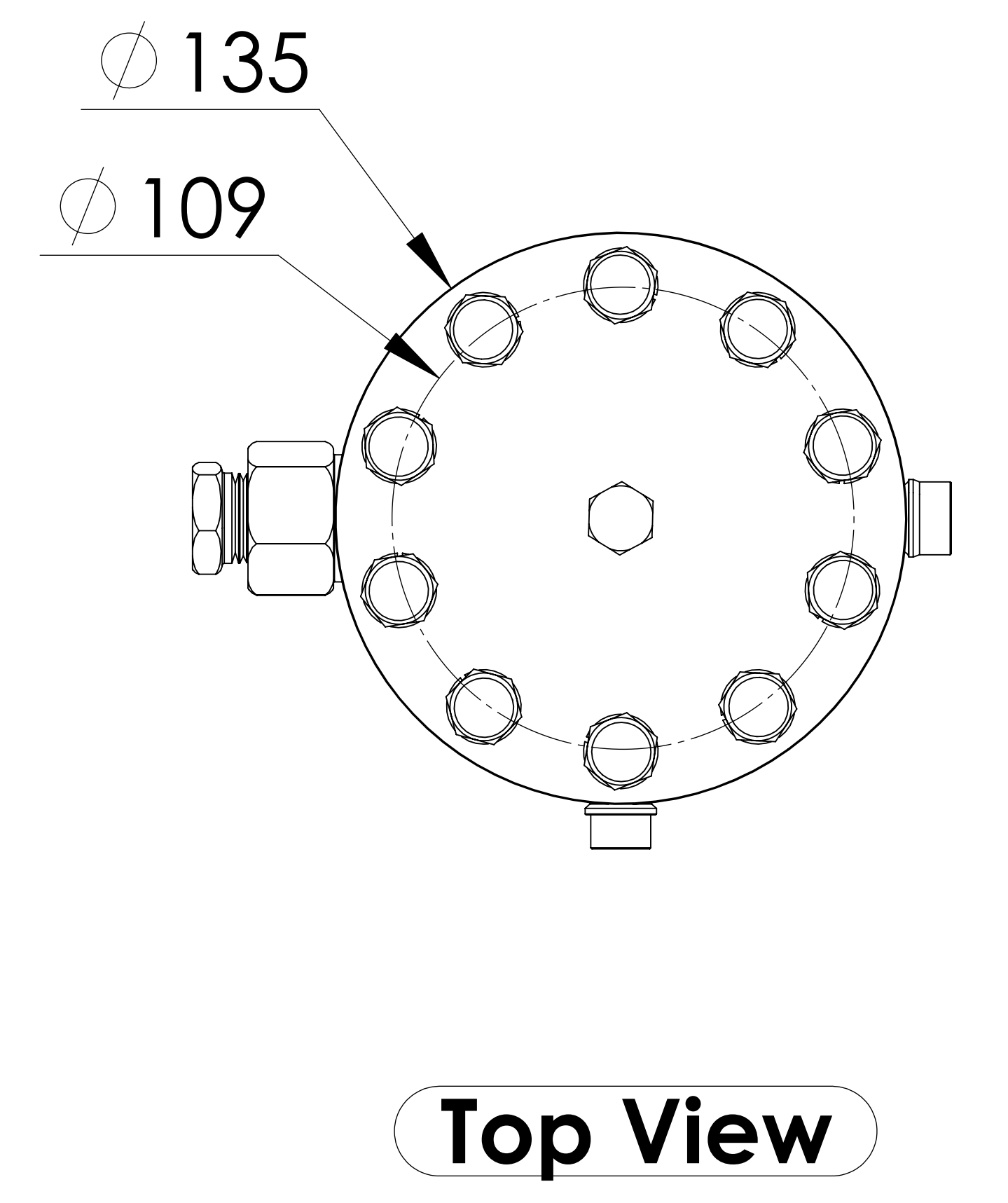
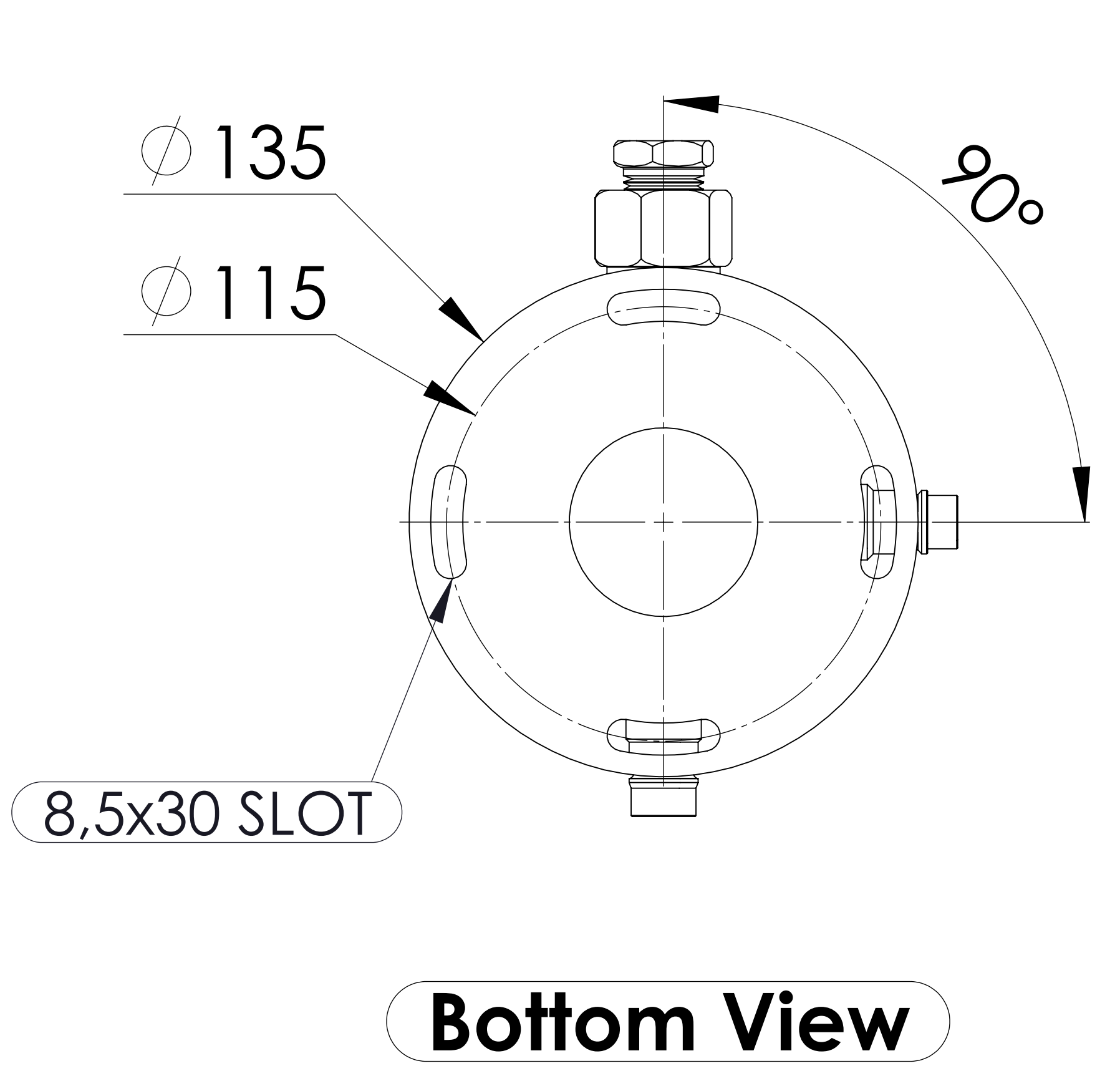
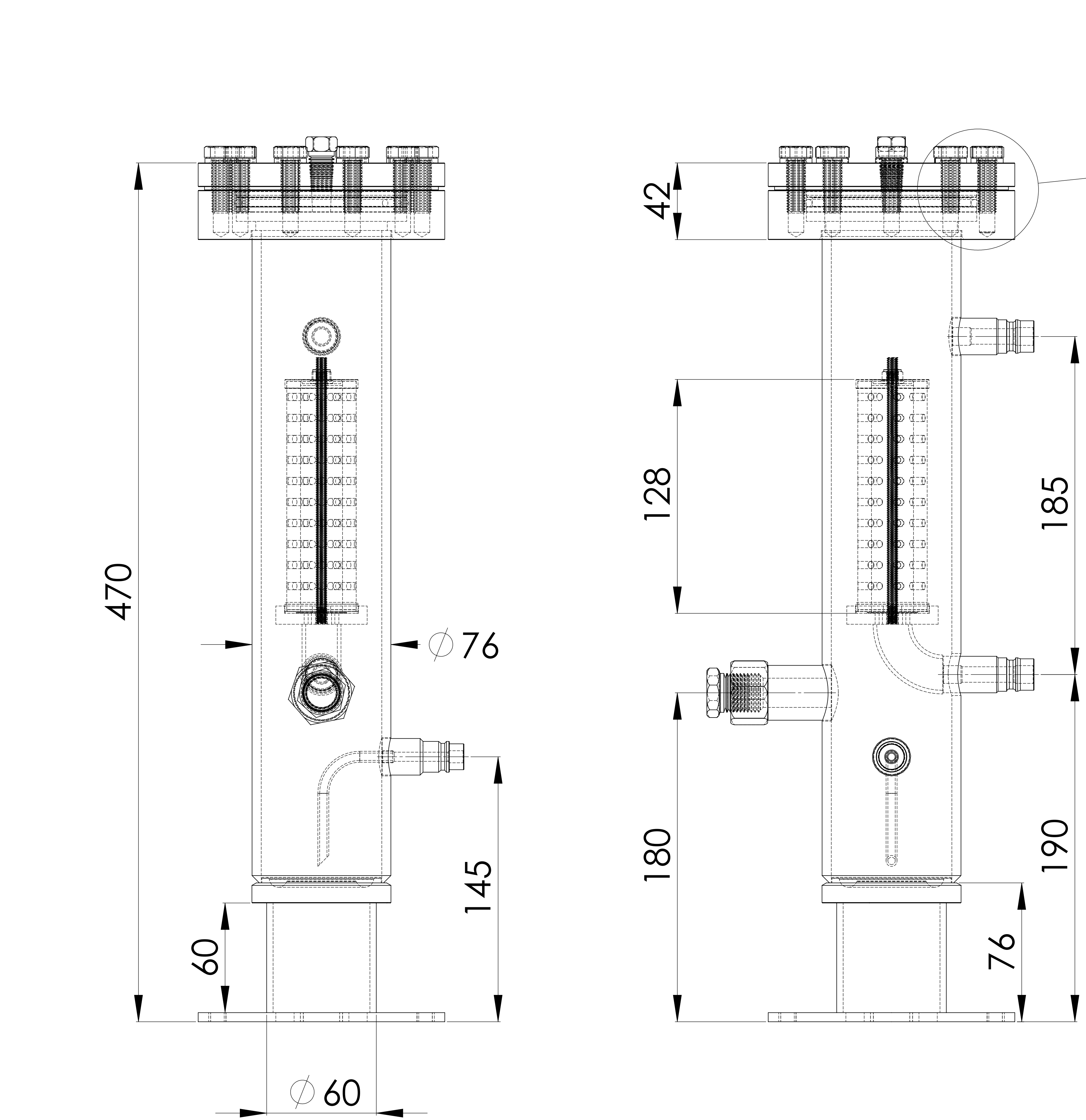
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		



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No	Assembly Codes	Qty
1	M005.000431	1

No	Connection	Model	Code	Material	Qty
15	Oring	87x4	108.087.004.00H.NBR	HNBR 70 ShoreA	1
16	Washer	M10	109.100.000.000.R01		10
17	Bolt	M10x30	109.100.030.088.C01		10
18	Blind Plug	NPT 1/4" Plug	106.130.F02.001.001	S235	1
19	Shell	Ø76x5 H:357,0	204.OSC.130.009.001	P355NH-EN10217-3	1
20	Flange	Ø76mm	107.130.OSC.076.003	P355NH	1
21	Skirt	Ø76x3 H:16	104.130.H60.135.060	S235	1
22	Base Plate	Ø135 t:5	105.005.135.001.001	S235	1