

GVN STANDARD PRODUCT

Customer

COALESCENT OIL SEPARATORS & RESERVOIR

Product

OS.CR.130b.54.1

Code

Customer Code

DESIGN DATA

Pre-charge / Capacity [Lt.]	13,4 / 34,4
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 IV / H1
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	05.04.2023
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ODS 2 1/8" H:83,5	106.130.B10.000.003	ST44-E275	1
2	Outlet Connection	ODS 2 1/8" H:60	106.130.B10.000.001	E275	1
3	Oil Return Connection	ODS 1/4" H:45	106.130.B01.000.003	Ø20 ST44-E275	1
4	Pipe	Ø6x1	204.A06.001.000.165	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	Sight Glass Conn.	SW38 H:55	106.0SW.038.002.001	E275	2
8	Sight Glass	SW38	SW-38	E275-ST44	2
9	Elbow	60,3x2,9	114.060.001.001.001	S235JR	1
10	Holder Support	Ø92x49	105.010.FK0.145.003	S235	1
11	Filter Holder	Ø175x10	105.010.FK0.145.005	S235	1
12	Threaded Rod	M10	109.100.450.088.C01	8.8	1
13	Filter	FK.145.1	FK.145.1		1
14	Plastic Washer	Ø55x2	109.100.000.000.P01		1

GENERAL NOTES

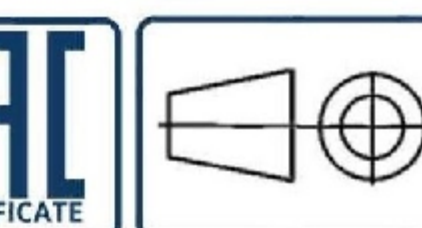
-Max. allowable operating pressure [PS] according to the temperature range;
 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 130 Bar
 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 97,5 Bar
 -Unless otherwise specified dimensions in MM
 -Unless otherwise specified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

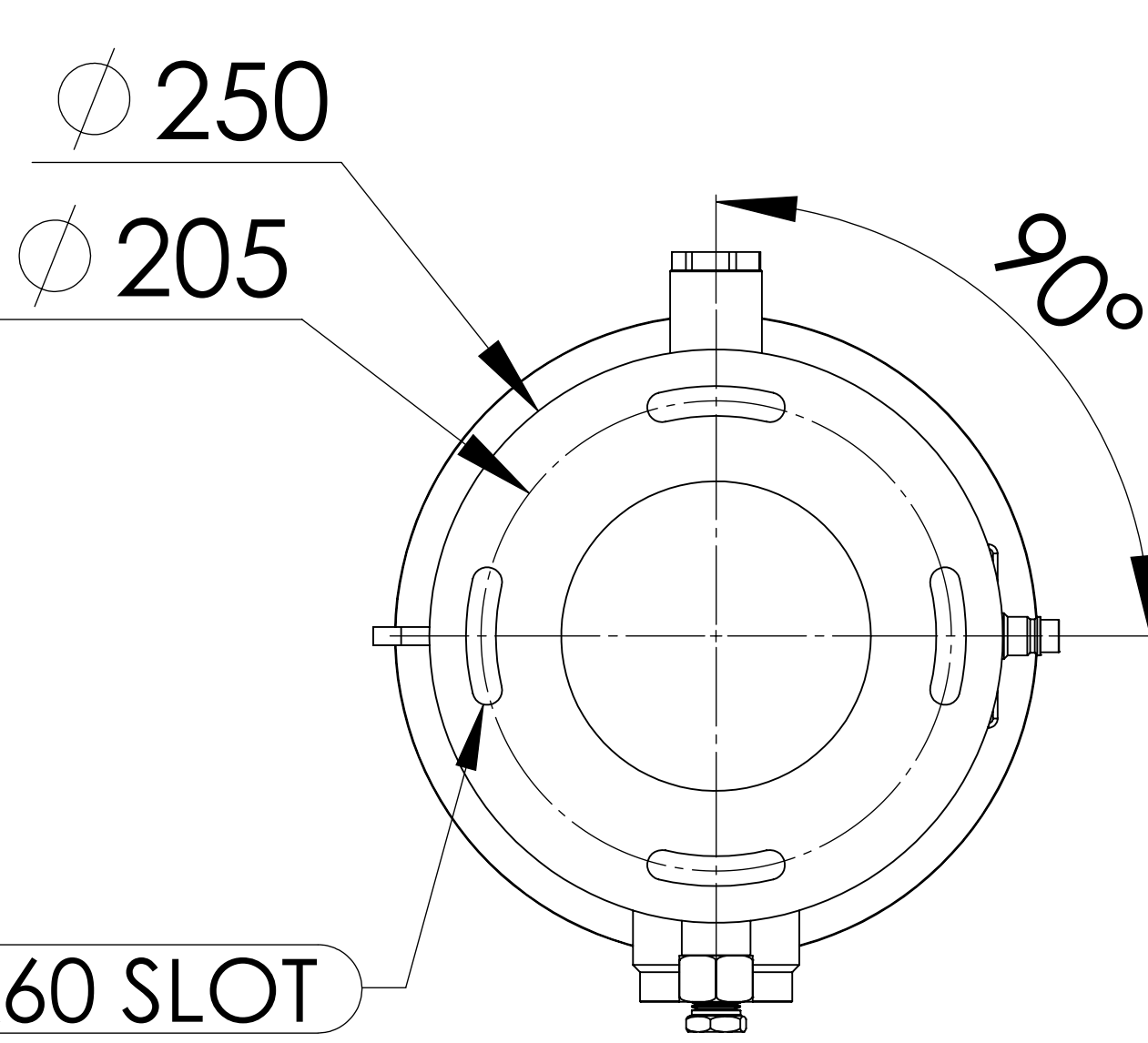
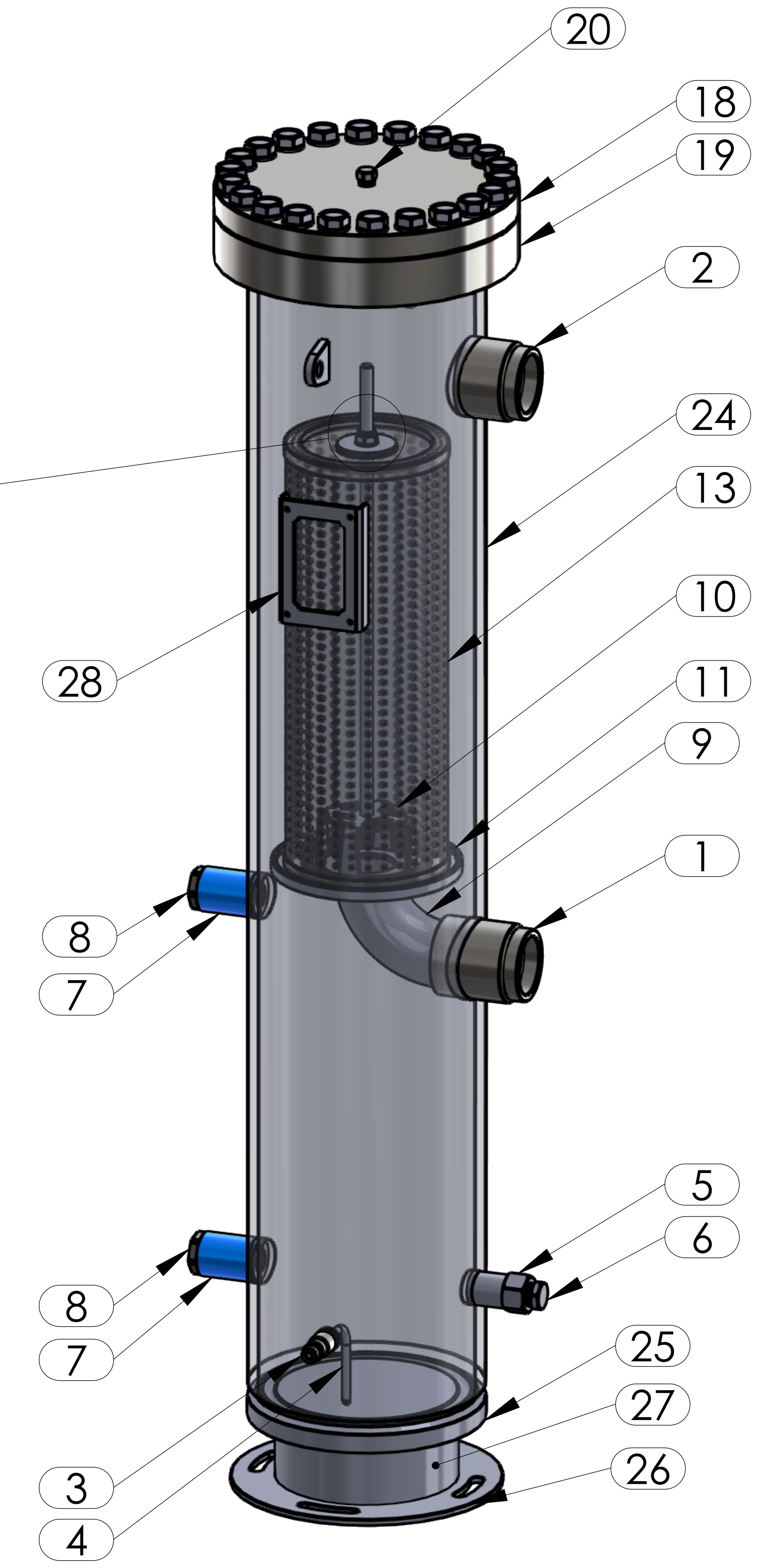
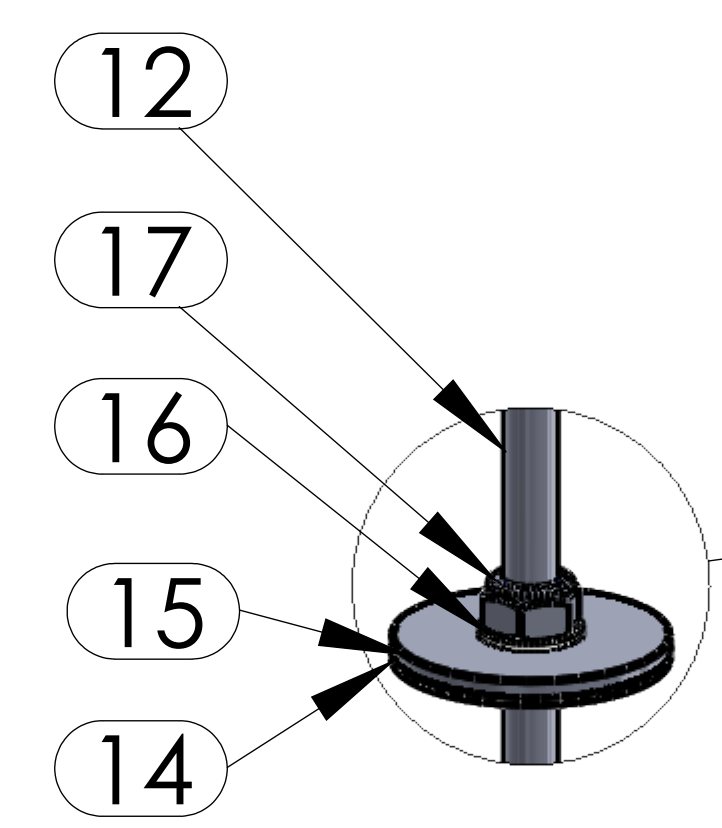
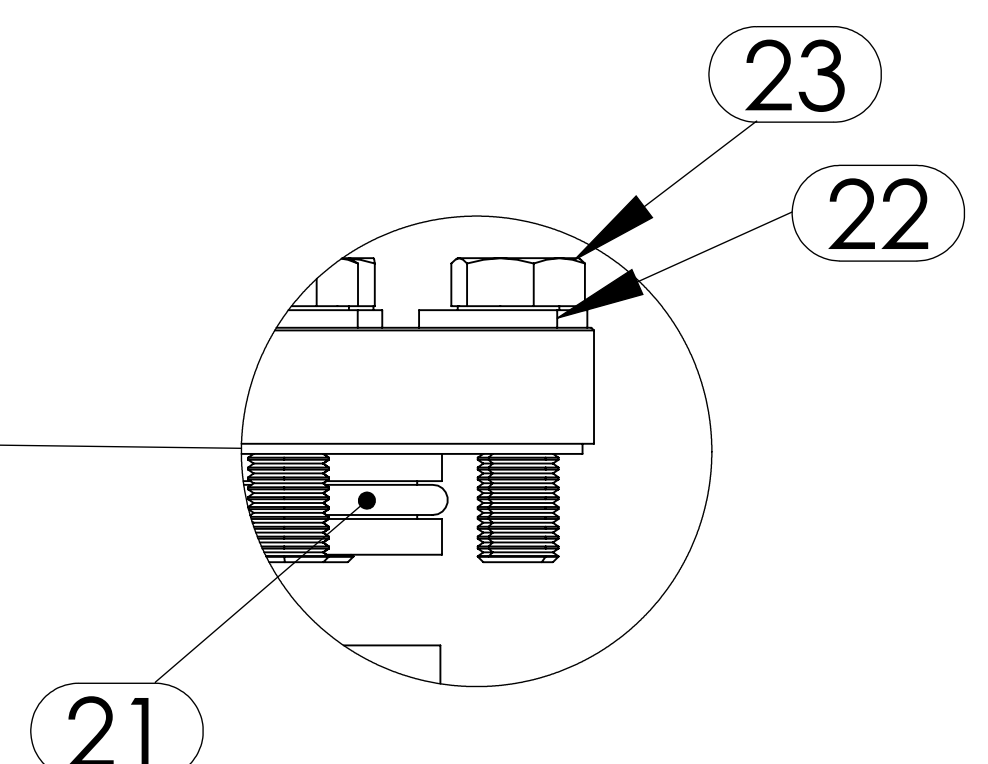
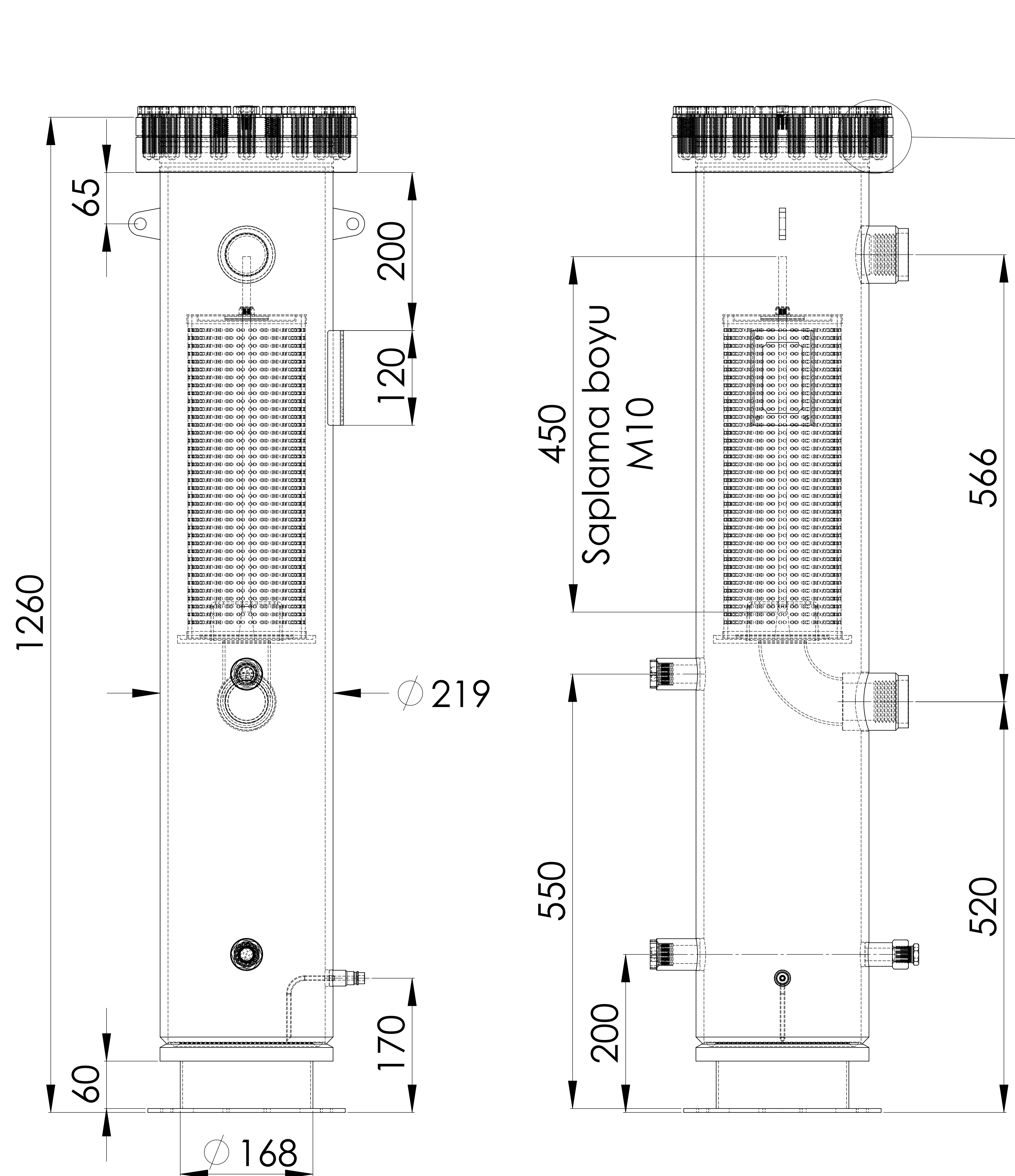
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

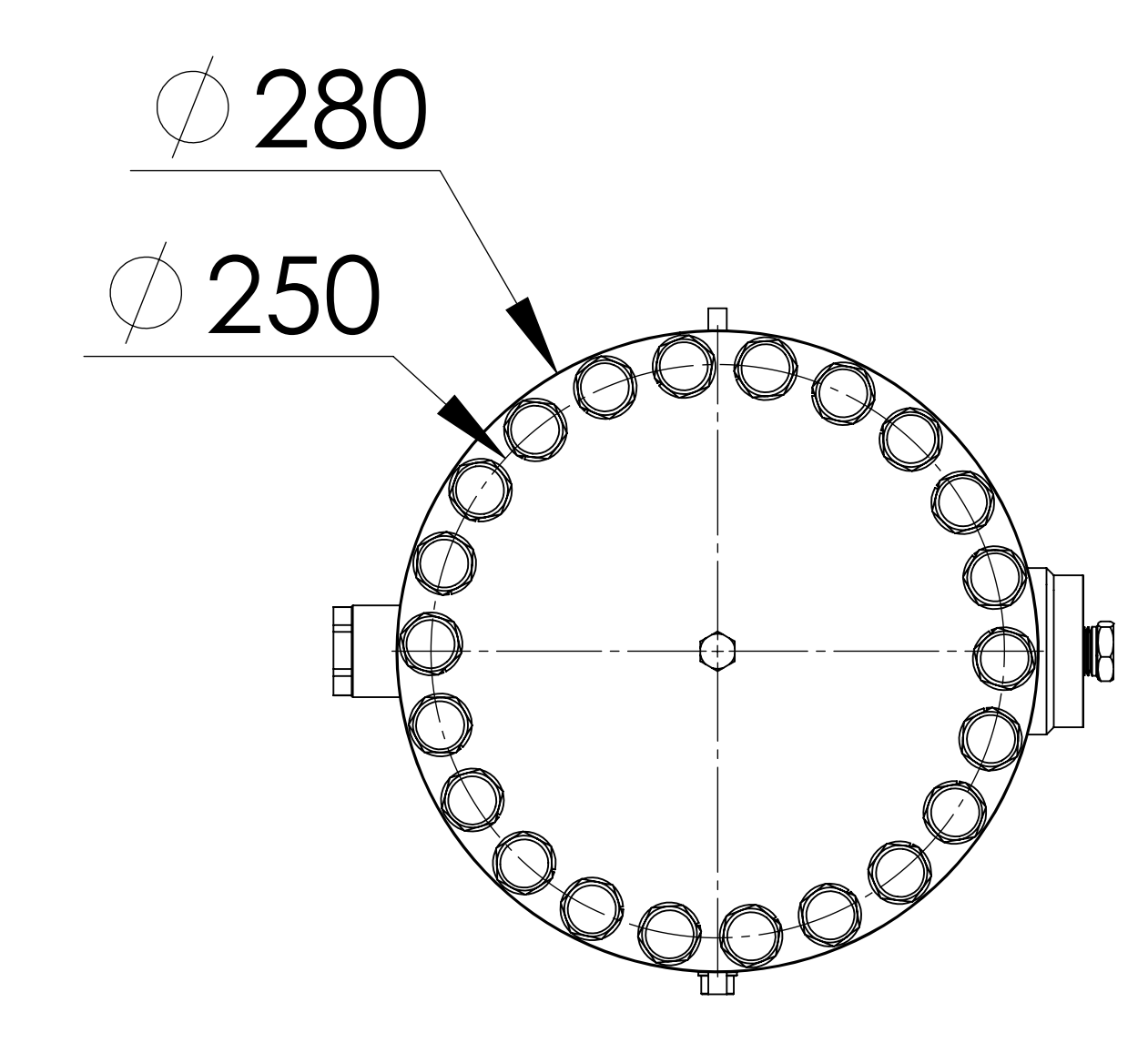
No	Description	Drawing No
01		
02		



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Bottom View



Top View

No	Assembly Codes	Qty
1	M005.000446	1

No	Connection	Model	Code	Material	Qty
15	Metal Washer	Ø55x3	105.010.FK0.145.004	S235JR	1
16	Plastic Washer	M10	109.100.000.000.P02		1
17	Lock Nut	M10	109.100.000.000.SF1		1
18	Top Flange	Ø284x45	107.130.OSC.219.001	P355GH	1
19	Bottom Flange	Ø284x37	107.130.OSC.219.002	P355GH	1
20	Blind Plug	NPT 1/4"Plug	106.130.F02.001.001	S235	1
21	Oring	210x6	108.210.006.00H.NBR	HNBR	1
22	Washer	M16	109.160.000.000.R01		22
23	Bolt	M16x50	109.160.050.129.C01	12.9	22
24	Shell	Ø219x10 H:1110,5	204.OSC.R13.054.001	P355NH-EN10217-3	1
25	Blind Flange	Ø219	107.130.OSC.219.003	EN 10028-2 P355GH	1
26	Base Plate	Ø250x5	105.005.250.001.001	S235	1
27	Pipe	Ø168x60	104.130.H60.250.168	S235	1
28	Label Plate	120x80x2	105.006.002.120.080	DD-13	1