

GÜVEN SOĞUTMA
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GVN STANDART PRODUCT Customer

COALESCENT OIL SEPARATORS & RESERVOIR Product

OS.CR.45b.66.1 Code

Customer Code

DESIGN DATA

Pre-charge / Capacity [Lt.]	9,6 / 32,1
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 III / H
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	10.04.2023
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ODS 2 5/8" H:70	106.060.B12.000.006	E275	1
2	Outlet Connection	ODS 2 5/8" H:60	106.060.B12.000.005	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			1
5	Pipe	Ø13x1	204.A13.010.000.150	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	76.1x2,9	114.076.001.001.001	S235JR	1
9	Holder Support	Ø92x49	105.010.FK0.145.003	S235	1
10	Filter Holder	Ø175x10	105.010.FK0.145.007	S235	1
11	Threaded Rod	M10	109.100.450.088.CO1	8.8	1
12	Filter	FK.145.1	FK.145.1		1
13	Plastic Washer	Ø55x2	109.100.000.000.P01		1
14	Metal Washer	Ø55x3	105.010.FK0.145.004	S235JR	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

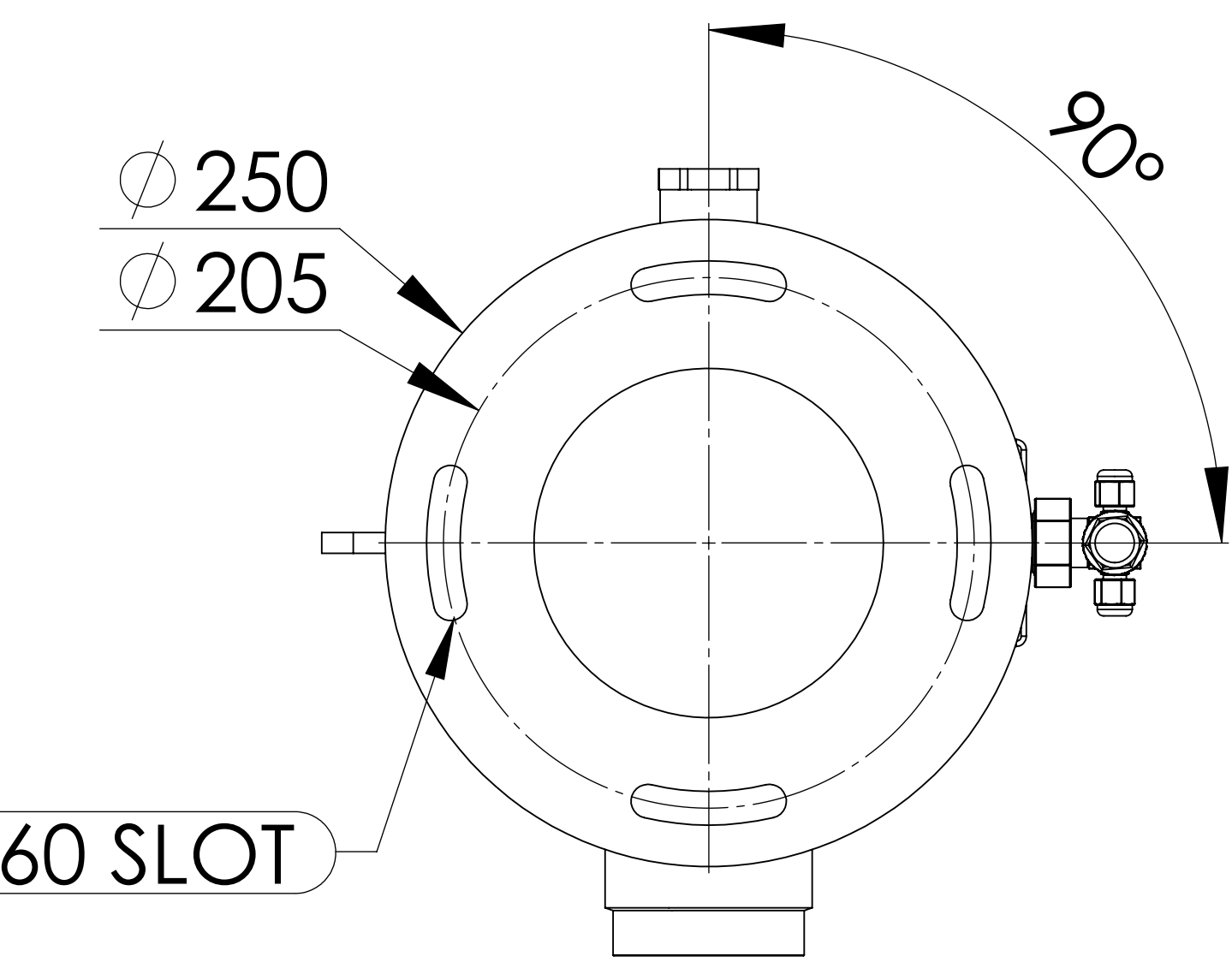
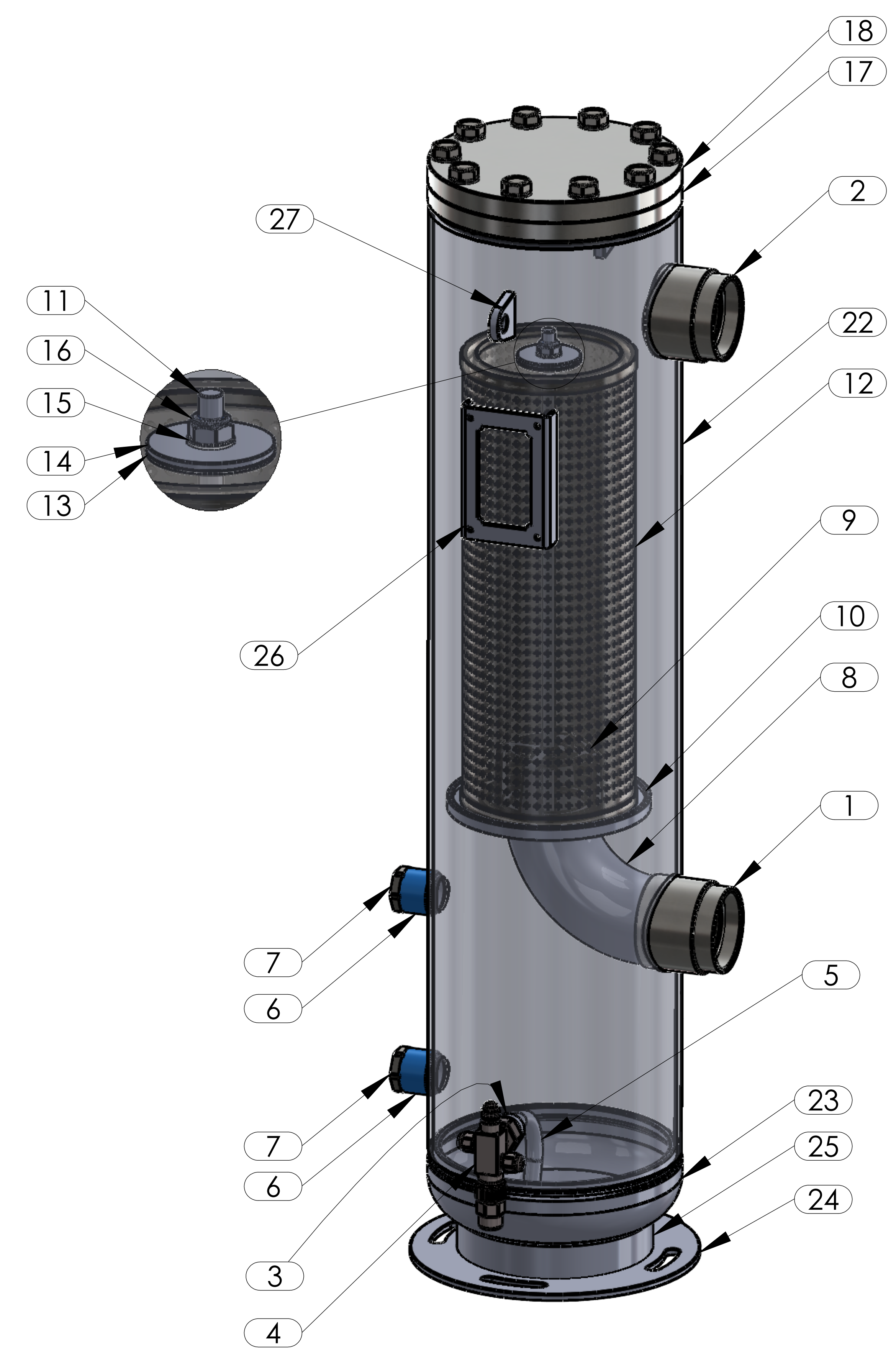
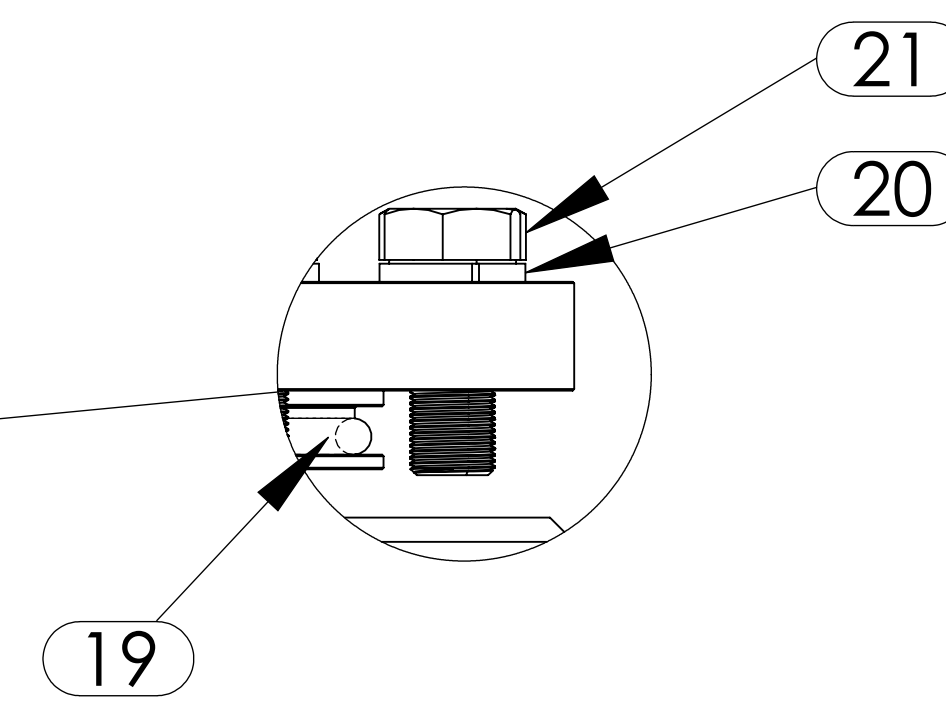
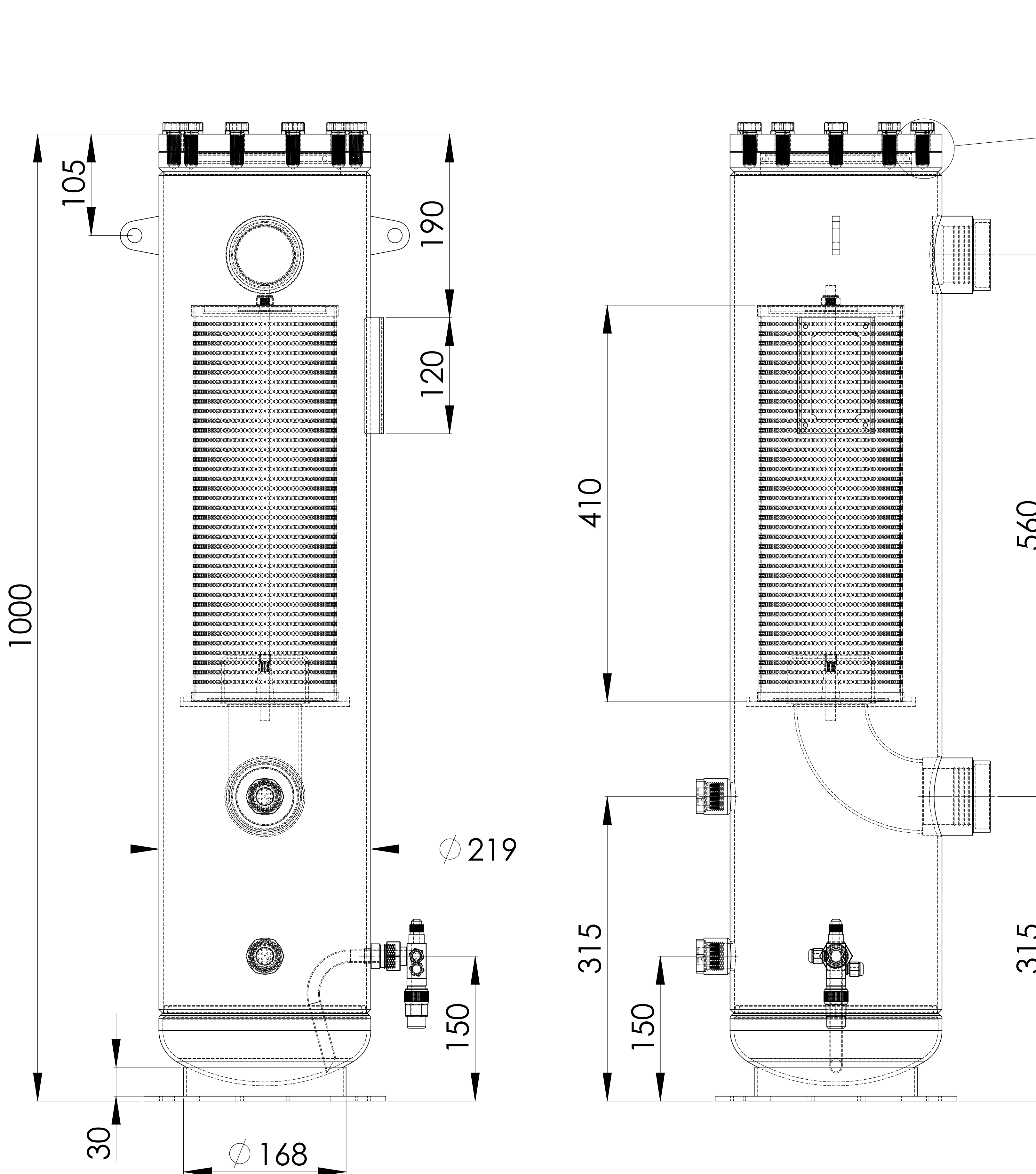
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

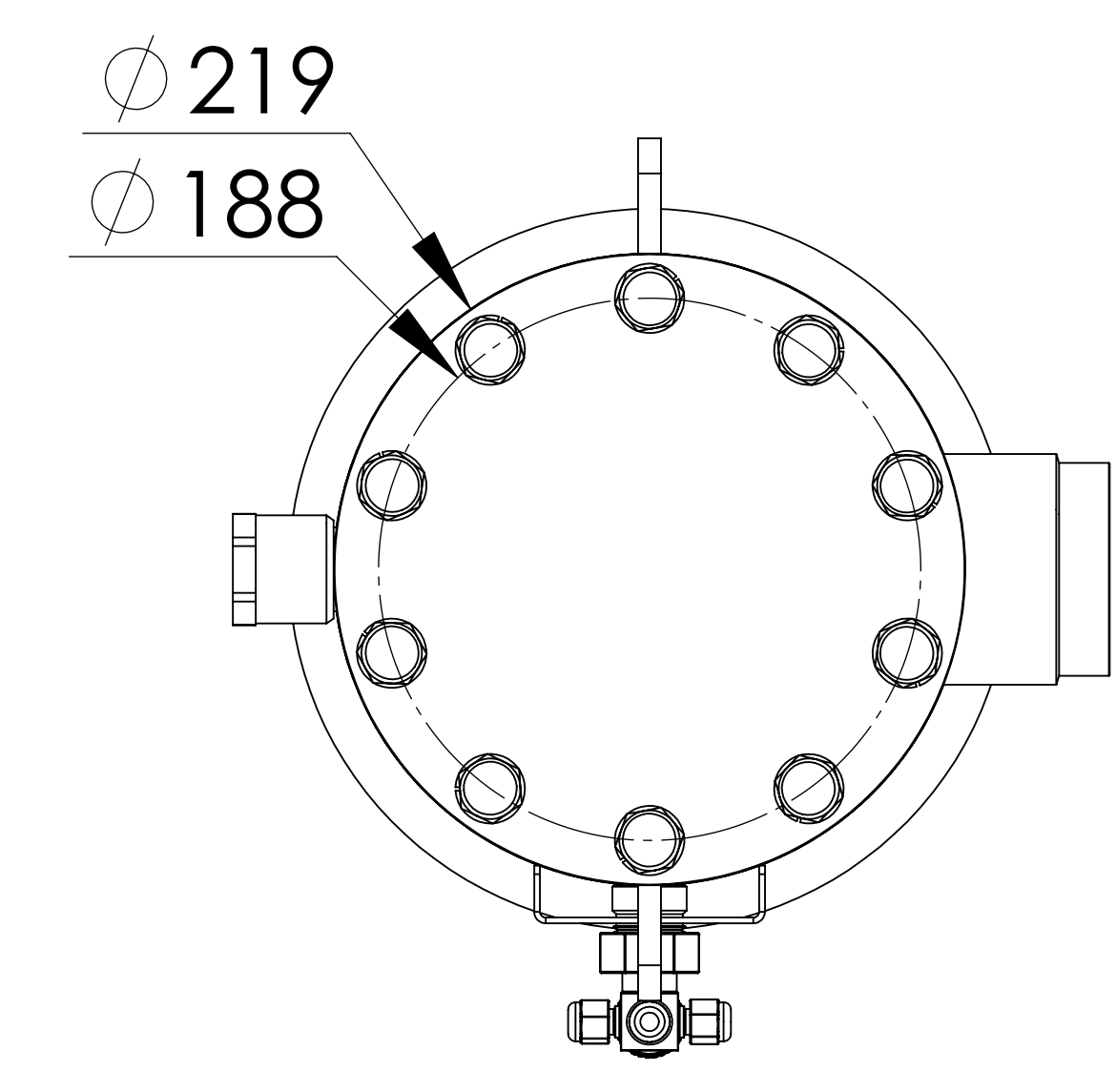
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01		
02		



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Bottom View



Top View

No	Assembly Codes	Qty
1	M005.000441	1

No	Connection	Model	Code	Material	Qty
15	Plastic Washer	M10	109.100.000.000.P02		1
16	Lock Nut	M10	109.100.000.000.SF1		1
17	Bottom Flange	Ø219x24	107.045.OSC.219.002	P355GH	1
18	Top Flange	Ø219x31	107.045.OSC.219.001	P355GH	1
19	ORING	Ø140x6	108.140.006.00H.NBR	HNBR	1
20	Washer	M14	109.140.000.000.R01		10
21	Bolt	M14x35	109.140.035.088.CO1	8.8	10
22	Shell	Ø219x4,5 H:870,0	204.OSC.R45.066.001		1
23	Head - Torispheric	Ø219x4 H:75	101.060.219.001.000	P355GH EN10028-2	1
24	Base Plate	Ø250x5	105.005.250.001.001	S235	1
25	Skirt	Ø168x30	104.130.H30.250.168	S235	1
26	Label Plate	120x80x2	105.006.002.120.080	DD-13	1
27	Lifting	40x40x8	105.011.MP0.040.040	S235-JR	2