

GÜVEN SOĞUTMA
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GVN STANDARD PRODUCT

Customer

COALESCENT OIL SEPARATORS

Product

OS.C.130b.54.1

Code

Customer Code

DESIGN DATA

Pre-charge / Capacity [Lt.]	4,1/26,9
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	03.04.2023
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	Extra Connection	ODS 2 1/8"	106.130.B10.000.001	E275	1
3	Outlet Connection	ODS 1/4" H:50	106.130.B01.000.002	S235JR	1
4	Pipe	Ø9x1	204.A09.010.000.200	EN10297-1 E235	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	60,3x2,9	114.060.001.001.001	S235JR	1
8	Holder Support	Ø92x49	105.010.FK0.145.003	S235	1
9	Filter Holder	Ø175x10	105.010.FK0.145.005	S235	1
10	Threaded Rod	M10x450	109.100.450.088.CO1	8.8	1
11	Filter	FK.165.1	FK.165.1		1
12	Plastic Washer	Ø55x2	109.100.000.000.P01		1
13	Metal Washer	Ø55x3	105.010.FK0.145.004	S235JR	1
14	Plastic Washer	M10	109.100.000.000.P02		1

GENERAL NOTES

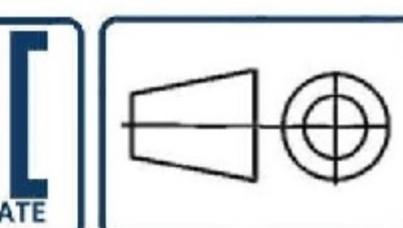
- Max. allowable operating pressure [PS] according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 130 Bar
- 2) Allowable operating temperature : min. -40C° / max. -20C° PS2 = 97,5 Bar
- Unless otherwise specified dimensions in MM
- Unless otherwise specified 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

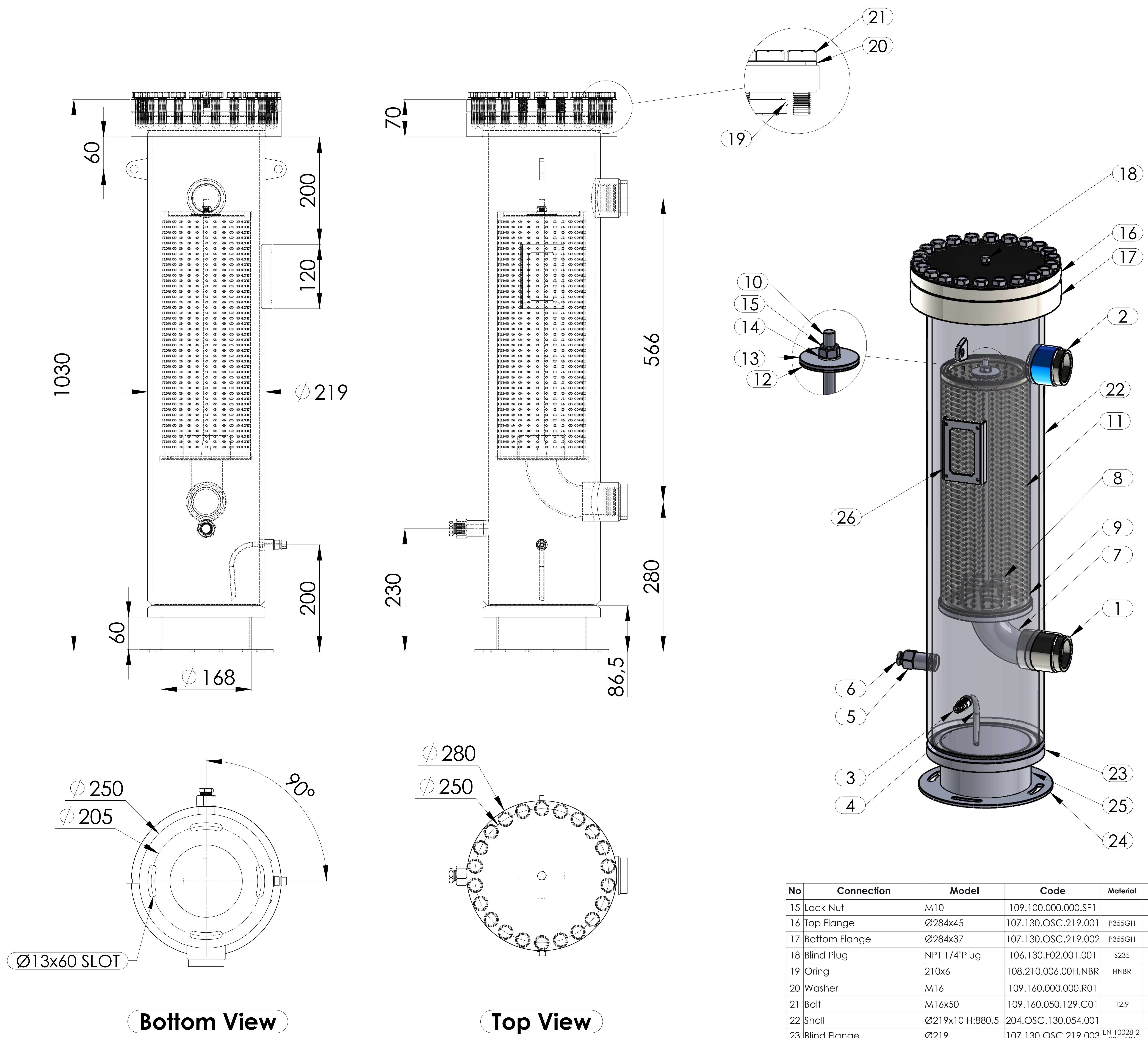
No	Details Of Change	Date	By
01			
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		



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No	Connection	Model	Code	Material	Qty
15	Lock Nut	M10	109.100.000.000.SF1		1
16	Top Flange	Ø284x45	107.130.OSC.219.001	P355GH	1
17	Bottom Flange	Ø284x37	107.130.OSC.219.002	P355GH	1
18	Blind Plug	NPT 1/4"Plug	106.130.F02.001.001	S235	1
19	Oring	210x6	108.210.006.00H.NBR	HNBR	1
20	Washer	M16	109.160.000.000.R01		22
21	Bolt	M16x50	109.160.050.129.CO1	12.9	22
22	Shell	Ø219x10 H:880,5	204.OSC.130.054.001		1
23	Blind Flange	Ø219	107.130.OSC.219.003	EN 10028-2 P355GH	1
24	Base Plate	Ø250x5	105.005.250.001.001	S235	1
25	Pipe	Ø168x60	104.130.H60.250.168	S235	1
26	Label Plate	120x80x2	105.006.002.120.080	DD-13	1

No	Assembly Codes	Qty
1	M005.000434	1