

**GÜVEN SOĞUTMA**  
**ÜNİTELERİ SAN. VE TİC. A.Ş.**

Addr.: Hastane Mah. Hadimköy İstanbul Cd. No:78/1  
 34555, Arnavutköy, İstanbul, TÜRKİYE  
 Tel: +90 212 771 51 12 - 771 51 13  
 Fax: +90 212 771 51 10  
 www.gvn.com.tr



GVN STANDARD PRODUCT	Customer
HELICAL OIL SEPARATORS	Product
OS.H.45b.54.1	Code
	Customer Code

DESIGN DATA	
Pre-charge / Capacity [Lt.]	1,46 / 6,1
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
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	13.09.2022
Color	RAL 5009

MATERIAL DATA						
No	Connection	Model	CODE	Material	Qty	
1	Inlet Connection	ODS 2 1/8" H:50	106.060.B10.000.008	E275	1	
2	Outlet Connection	ODS 2 1/8" H:40	106.060.B10.000.012	E275	1	
3	Oil Return Connection	SAE 3/8"	106.060.Y02.001.005	S235	1	
4	Shell	Ø140x3 H:371	204.OSH.060.054.001	EN 10217-3 P355NH	1	
5	Head - Torispheric	Ø140x3 H:45	101.060.140.001.000	EN10028-2 P355GH	1	
6	Head - Torispheric	Ø140x3 H:45	201.060.140.001.007	EN10028-2 P355GH	1	
7	Skirt With	Ø136X2,5 H:17	105.004.136.001.001	S235JR	1	

**GENERAL NOTES**

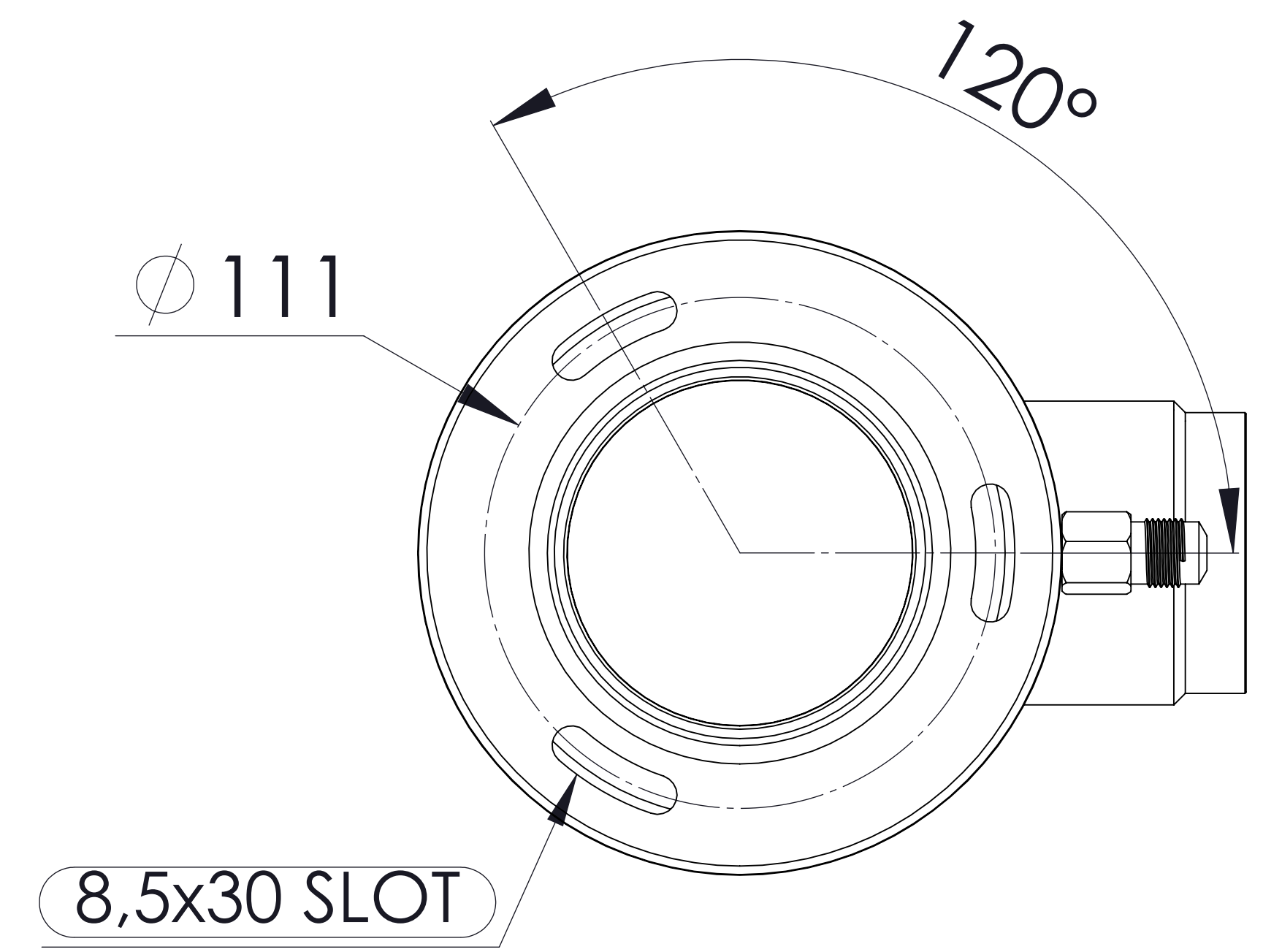
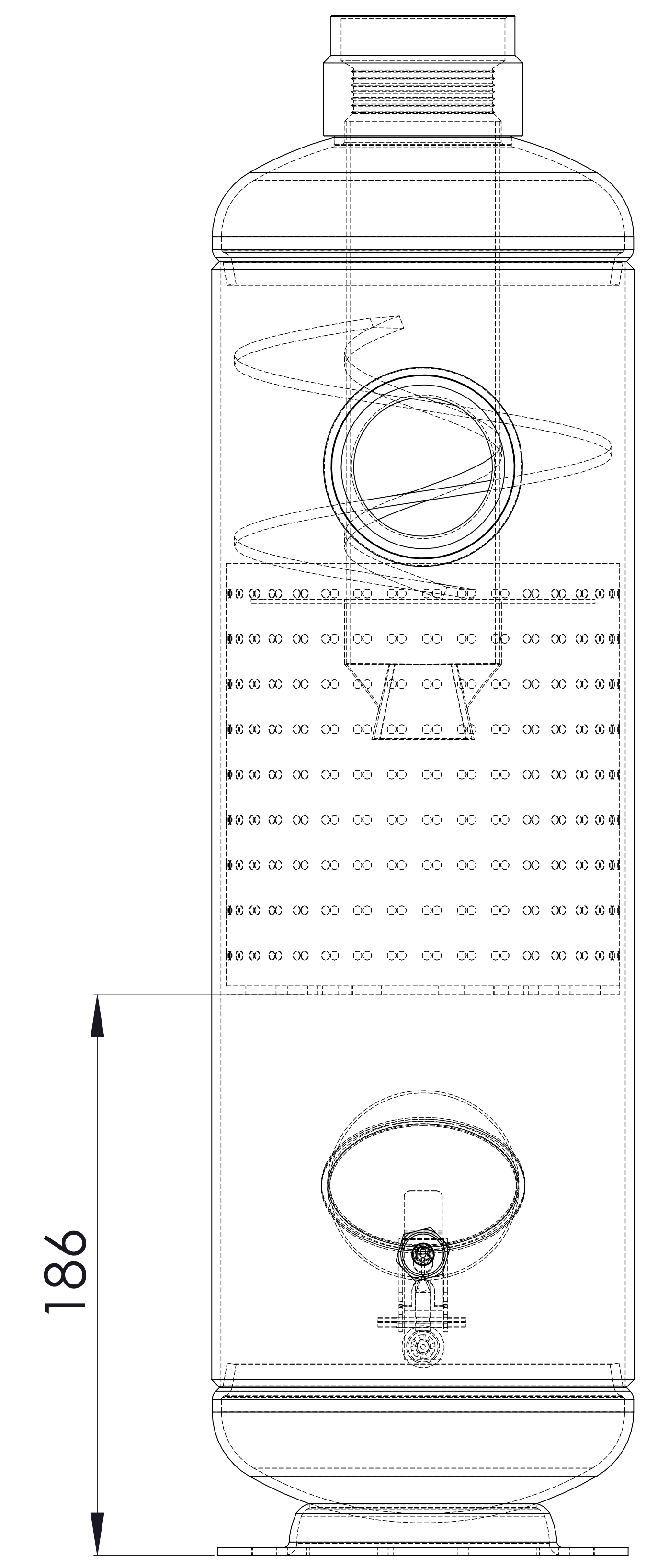
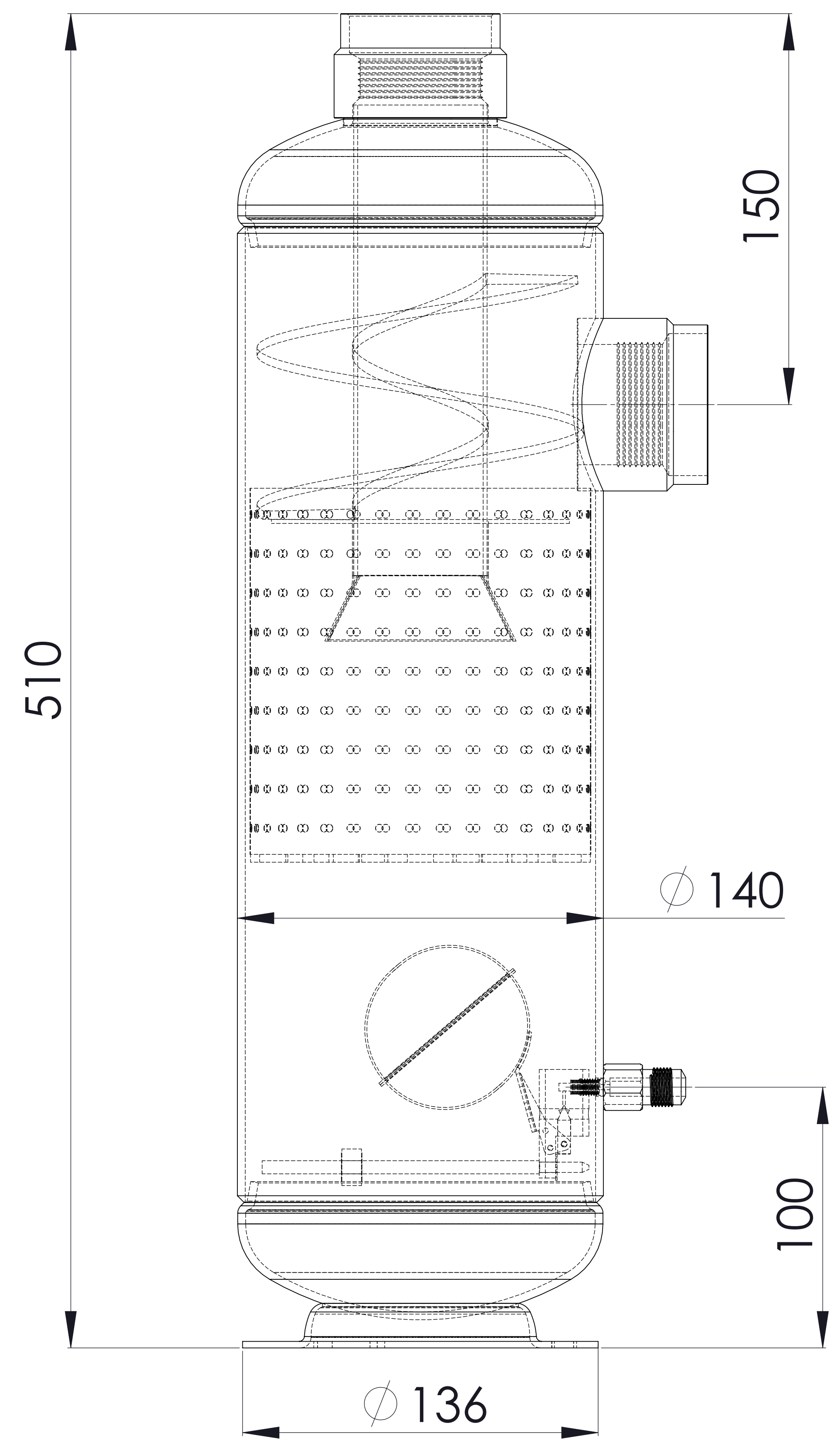
- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 45 Bar
- 2) Allowable operating temperature : min. -20C° / max. -40C° PS2 = 33 Bar
- Unless otherwise specified dimensions in MM
- Unless otherwise specified do not scale
- Unless otherwise specified tube must be clean&free form burrs inside&outside&uitable 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			

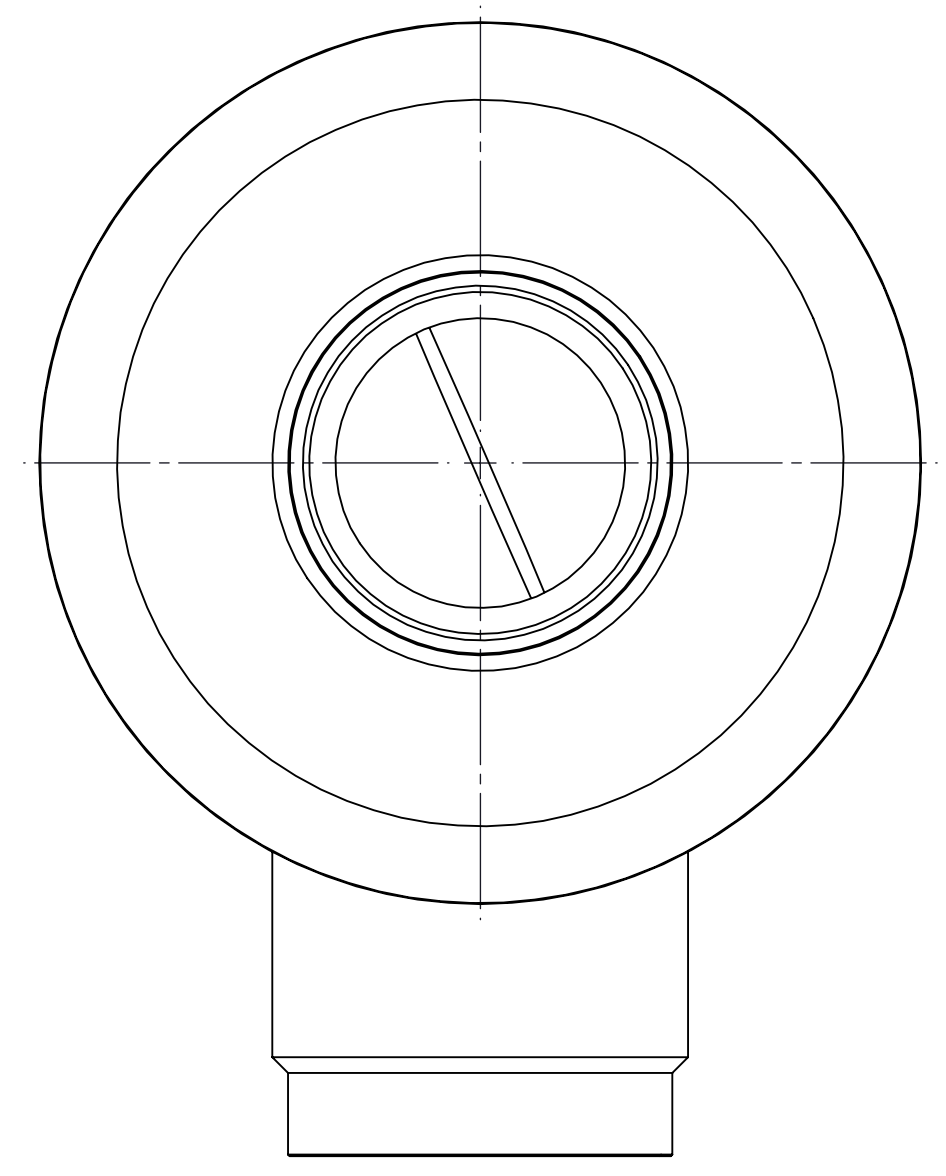
RELATED DRAWINGS		
No	Description	Drawing No
01		
02		



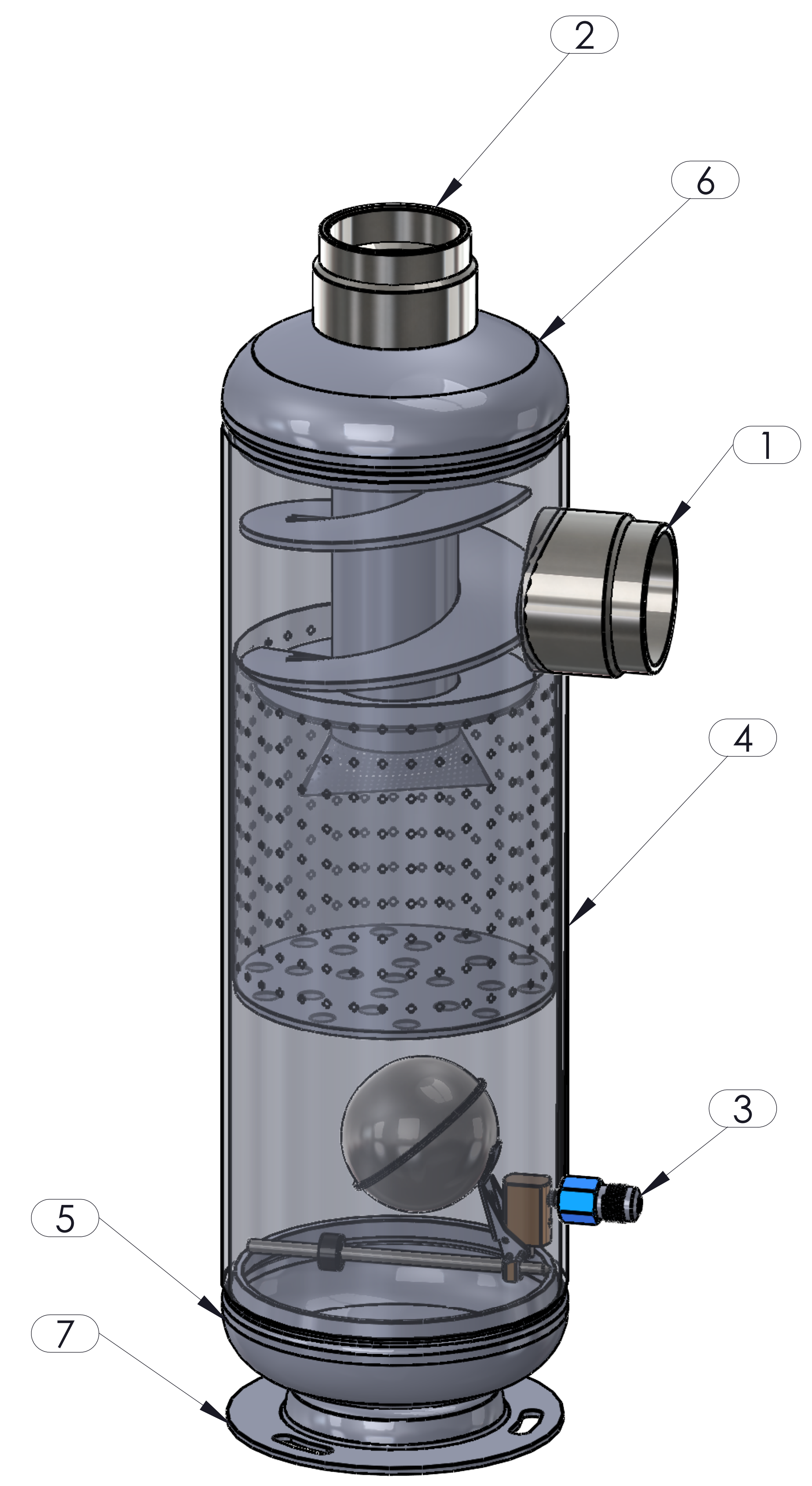
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Bottom View



Top View



No	Assembly Code	Qty
1	M005.000322	1