

GVN STANDARD PRODUCT Customer

OIL RESERVOIRS Product

OR.130b.23 Code

Customer Code

DESIGN DATA

Capacity [Lt.]	23L
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 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	26.08.2022
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ODS 1/2" H:60	106.130.B03.000.001	Ø24 ST44-E275	1
2	Outlet Connection	ODS 1/2" H:60	106.130.B03.000.001	Ø24 ST44-E275	1
3	Safety Valve Conn.	NPT 1/2"	106.130.F04.000.001	ST44- E275	1
4	Level Sensor Conn.	NPT 1/2"	106.130.F04.000.001	ST44- E275	1
5	Blind Plug	NPT 1/2"Plug	106.130.F04.001.001	E275	2
6	Charging Connection	NPT 1/4" H:70	106.130.F02.000.002	ST44 - E275	1
7	Diff. Pressure Valve Conn.	NPT 1/4" H:70	106.130.F02.000.002	ST44 - E275	1
8	Blind Plug	NPT 1/4"Plug	106.130.F02.001.001	S235	2
9	Sight Glass Conn.		106.05W.038.002.001	E275	3
10	Sight Glass	SW38	SW-38	E275-ST44	3
11	SHELL	Ø219x8 H:737	204.OR0.130.023.001	P355NH-EN10217-3	1
12	Top Flange	Ø219	107.130.OR0.219.001	P355GH	1
13	Bottom Flange	Ø219	107.130.OSC.219.003	EN 10028-2 P355GH	1
14	Label Plate	120x80x2	105.006.002.120.080	DD-13	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. -20C° / max. -40C° PS2 = 97,5 Bar
 -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

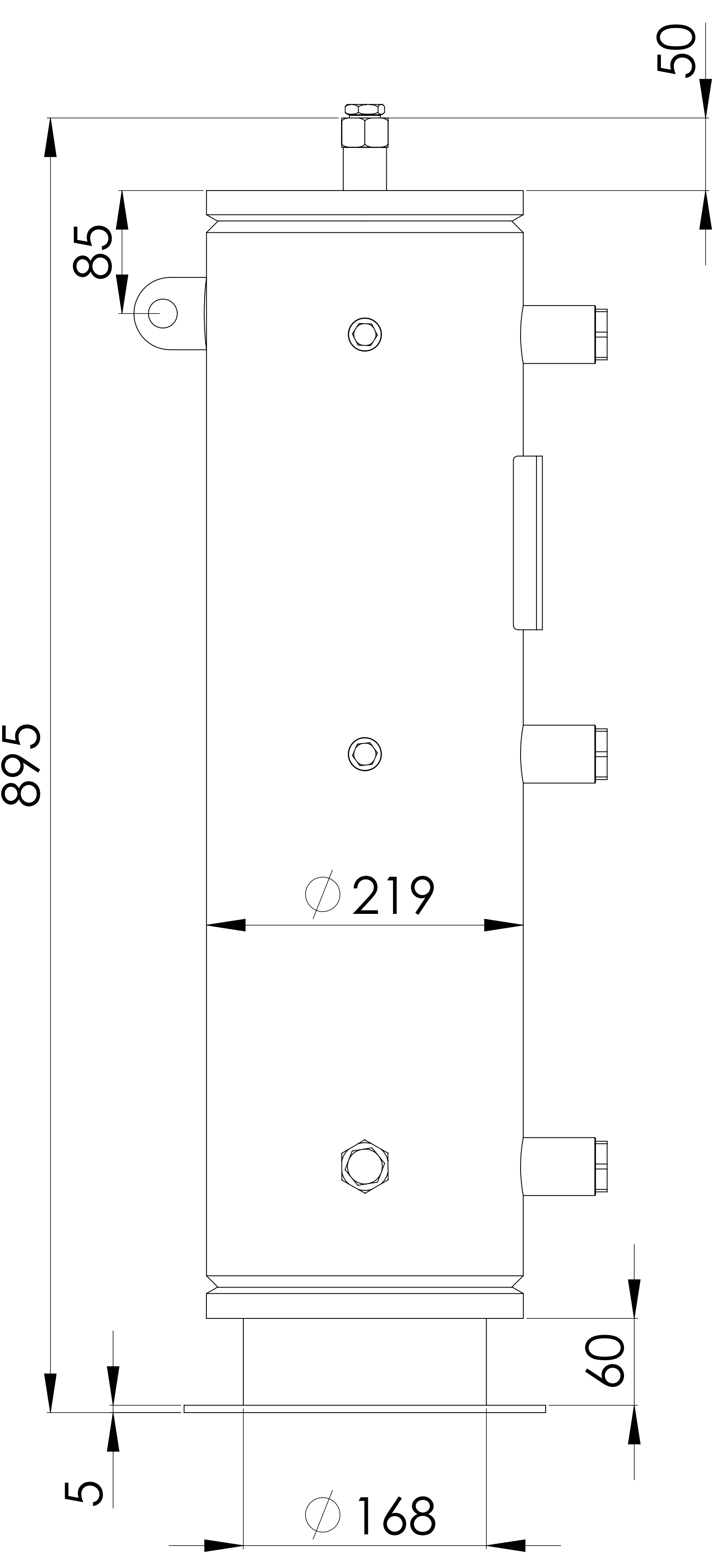
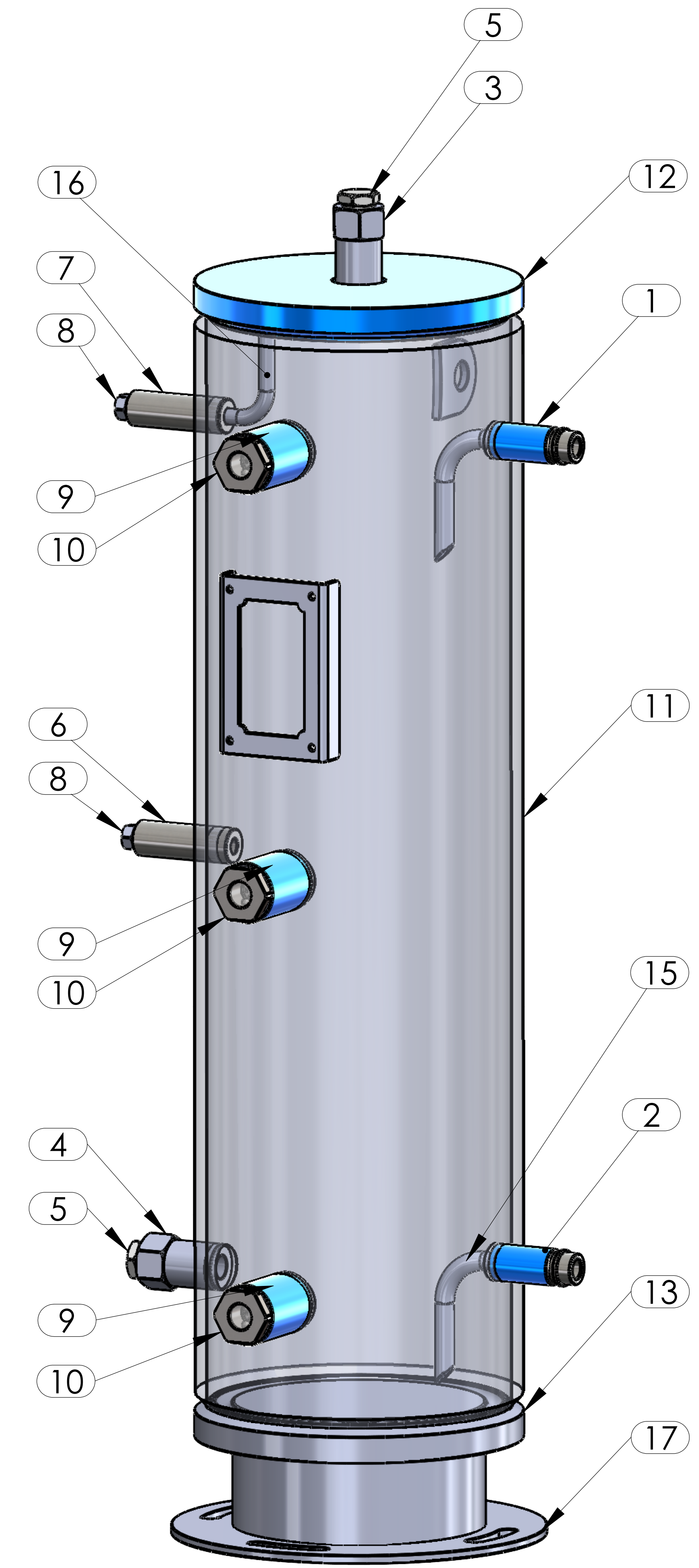
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01			
02			
03			

RELATED DRAWINGS

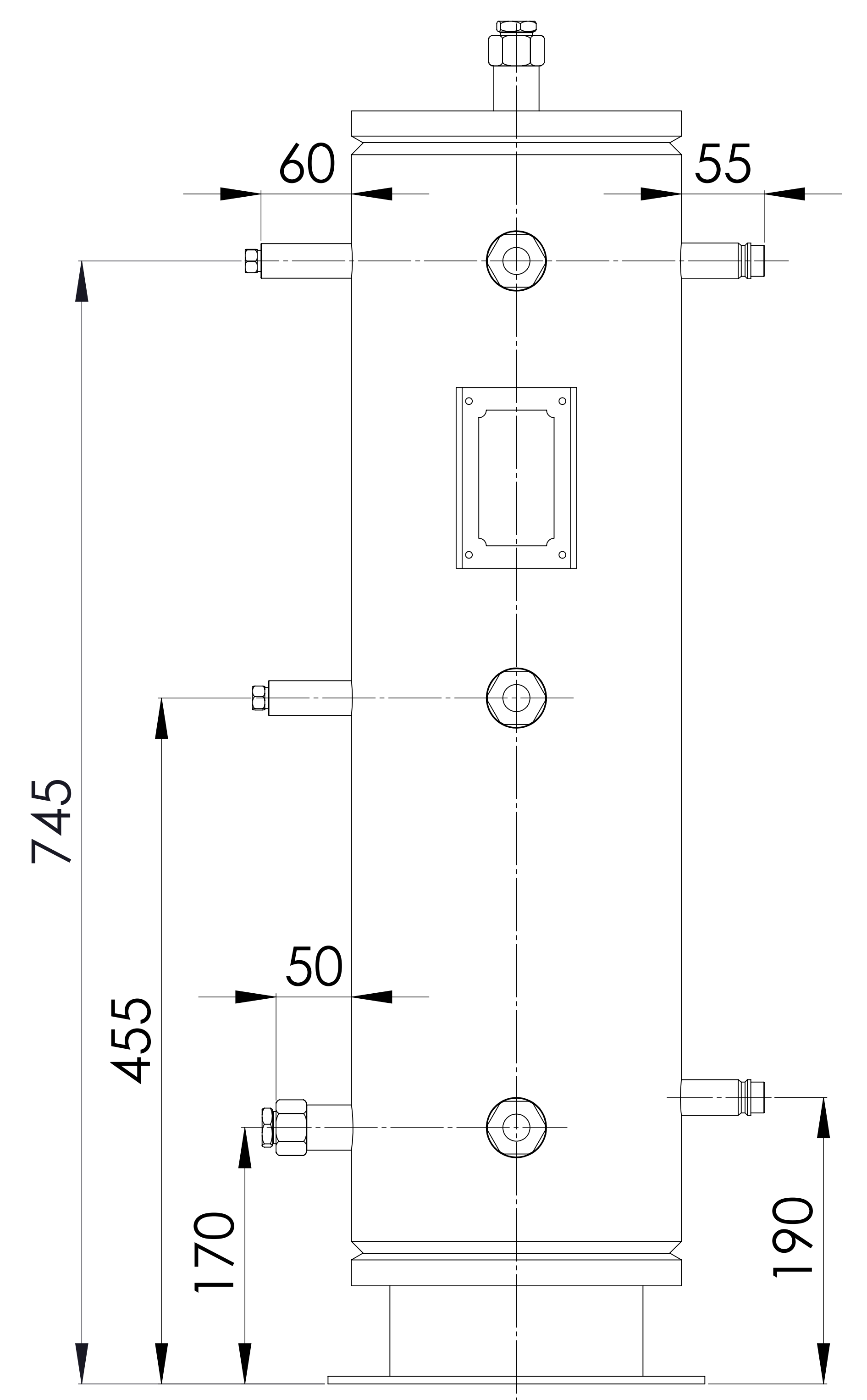
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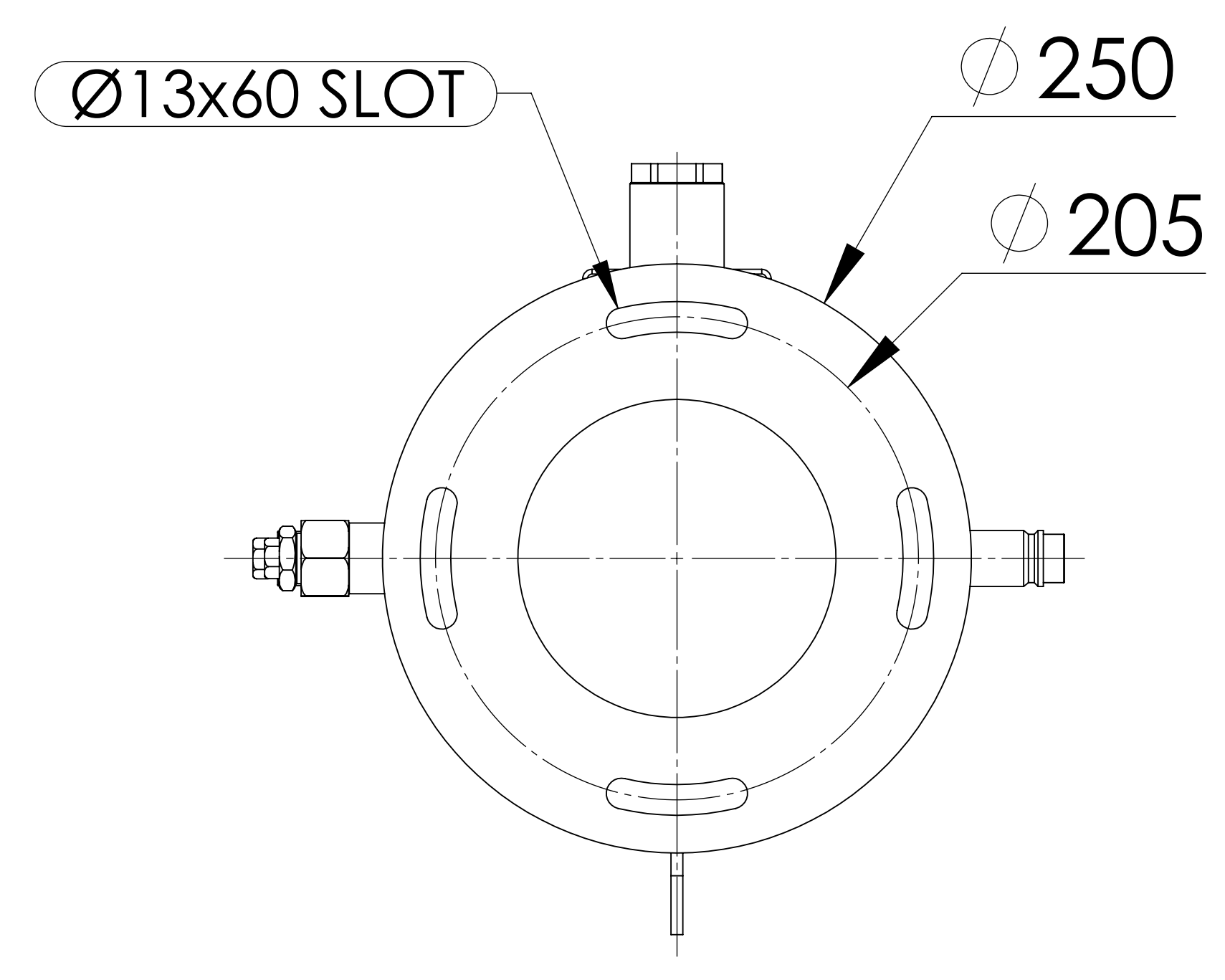
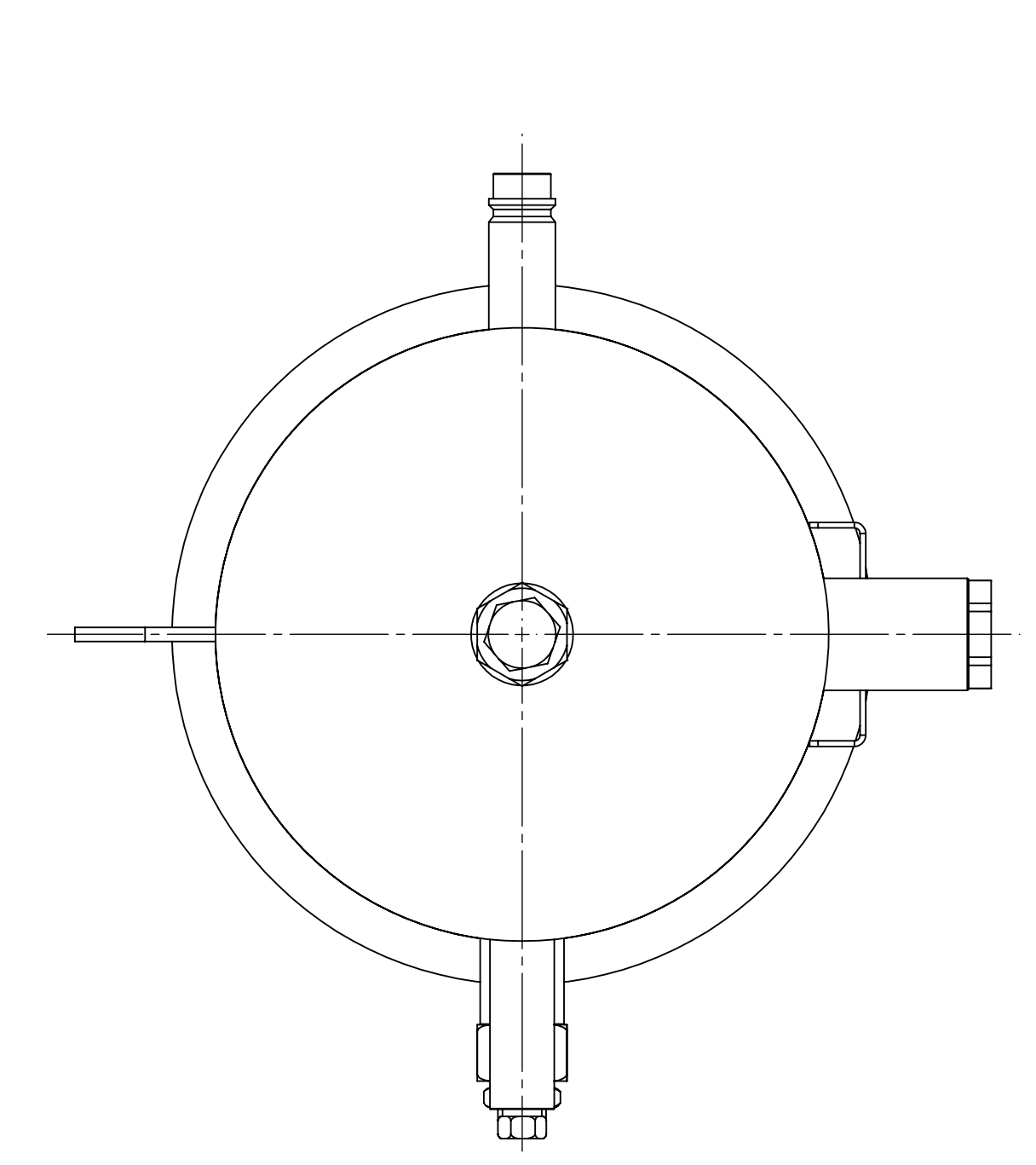
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Top View



Bottom View



No	Assembly Codes	Qty
1	M006.000012	1

No	Connection	Model	Code	Material	Qty
15	Pipe	Ø12X1,5	106.060.B03.001.120	EN10297-1-E235	2
16	Pipe	Ø9,7x1	106.060.F02.001.145	EN10297-1-E235	1
17	Base Plate	Ø250x5	105.005.250.001.001	S235	1