



STANDARD PRODUCTION

Customer

HORIZONTAL LIQUID RECEIVERS & BASEPLATE

Product

HC9.33b.80.A4.A4.F4

Code

Customer Code

DESIGN DATA

Capacity [Lt.]	80 Lt.
Design Pressure [PS]	33 Bar
Pneumatic Test Pressure [PT]	36 Bar
Hydraulic Test Pressure	48 Bar
Design Temperature [TS]	Min.-20C / Max.+130C
Cooler Fluid Type	HFC-CFC-HCFC
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	İ.TOMBUL
Approved By	D.GÜL
Date	13.04.2022
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT.1 3/4" H:32	106.060.A04.001.001	E 275	1
2	Outlet Connection	ROT.1 3/4" H:32	106.060.A04.001.001	E 275	1
3	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.000.001	E275-ST44	1
4	Blind Plug	NPT 1/2" Plug	106.130.F04.001.001	E275	1
5	Pipe	Ø28,5x1,5 H:314	104.028.015.000.314	E235	1
6	Shell	Ø324x4	204.HC9.33B.080.001	P355NH-EN10217-3	1
7	Head - Torispheric	Ø323,9x4 H:100	101.033.324.001.000	P355GH EN 10028-2	2
8	Foot	400x50x50,6 t:3	105.002.324.001.001	EN10111-DD13	2
9	BasePlate	Ø324 - 570x360x3	105.007.324.570.360	ST37	1
10	Lifting	50x50x5	105.011.MP0.050.050	S235	2
11	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 = 33 Bar
- 2) Allowable operating temperature : min. -20C° / max. -40C° PS2 = 24 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&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	Ölçümsel olarak değişiklik olmadı, görsel konumları düzenlendi.	25.10.2022	Ö.TÜRKER
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		



No	Assembly Codes	Qty
1	M002.000082	1