



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

Add.: 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



STANDARD PRODUCTION

Customer

HORIZONTAL LIQUID RECEIVERS & BASEPLATE

Product

HC5.33b.14.A2.A2.F4

Code

Customer Code

DESIGN DATA

Capacity [Lt.]	14 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 II / DI
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	12.04.2022
Color	RAL 5009

MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
2	Outlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	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	Ø13x1 H:128	104.013.010.000.128	E235	1
6	Shell	Ø140x3	204.033.014.HC5.001	P355NH-EN10217-3	1
7	Head - Torispheric	Ø140x3 H:45	101.060.140.001.000	EN10028-2 P355GH	2
8	Foot	170x40x25 t:3	105.002.140.001.001	DD13-EN10111	2
9	BasePlate	Ø140 - 450x360x3	105.007.140.450.360	ST37	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&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		



No	Assembly Codes	Qty
5	M002.000061	1

We reserve all rights in this document and in the information contained therein. Reproduction use or disclosure to third parties without express authority is strictly forbidden.