



DARMENT Customer

HORIZONTAL LIQUID RECEIVERS & BASEPLATE Product

HC7DM.33B.16.C4.C4.F4.H30.F4 Code

Customer Code

DESIGN DATA

Capacity [Lt.]	16 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-R744
Fluid Group	2
Category	CATII /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	H.DALSIZ
Approved By	D.GÜL
Date	20.02.2024
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	Inlet Valve	RV.45b-5/8	C4.RV.45B.01.5-8	E275-ST44	1
3	Outlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
4	Outlet Valve	RV.45b-5/8	C4.RV.45B.01.5-8	E275-ST44	1
5	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.000.001	E275-ST44	1
6	Level Sensor Conn.	1/2" NPT H:60	106.060.F04.000.004	E275-ST44	1
7	Blind Plug	NPT 1/2" Plug	106.130.F04.001.001	S235JR	2
8	Sight Glass Type Conn.	SG-SW38 H:27	106.0SW.038.001.001	E275	1
9	Sight Glass	SW38	SW-38	E275	1
10	Shell	Ø219x3 H:360,0	204.HC7.33B.016.001	P355NH-EN10217-3	1
11	Head Torispheric	Ø219x3 H:75	101.033.219.001.000	EN10028-2 P355GH	1
12	Head - Torispheric	Ø219x3 H:75		EN 10028-2 P355GH	1
13	Foot	260x40x31,5 t:3	105.002.219.001.001	EN10111-DD13	2
14	BasePlate	330x250x3mm	105.500.ODM.000.001	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. -40C° / max. -20C° PS2 = 33 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	F4' ler tek bombeye alındı.	16.04.2024	Ö.TÜRKER
02			
03			

RELATED DRAWINGS

No	Description	Drawing No
01		
02		

