



STANDARD PRODUCTION **Customer**

HORIZONTAL LIQUID RECEIVERS & BASEPLATE **Product**

HC7.33b.40.A4.A4.F4 **Code**

Customer Code

DESIGN DATA

| | |
|-------------------------------|-----------------------|
| Capacity [Lt.] | 40 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 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:210 | 104.028.015.000.210 | E235 | 1 |
| 6 | Shell | Ø219x3 | 204.HC7.33B.040.001 | P355NH-EN10217-3 | 1 |
| 7 | Head Torispheric | Ø219x3 H:75 | 101.033.219.001.000 | EN10028-2 P355GH | 2 |
| 8 | Foot | 260x40x31,5 t:3 | 105.002.219.001.001 | EN10111-DD13 | 2 |
| 9 | BasePlate | Ø168 - 450x360x3 | 105.007.219.450.360 | 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&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 | | |

| No | Assembly Codes | Qty |
|----|----------------|-----|
| 1 | M002.000065 | 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.