

GVN STANDART PRODUCT

Customer

FILTER DRIER SHELLS

Product

H48.45B.54.3

Code

Customer Code

DESIGN DATA

| | |
|-------------------------------|-----------------------|
| Capacity [Lt.] | 4,2 Lt. |
| Design Pressure [PS] | 45 Bar |
| Pneumatic Test Pressure [PT] | 50 Bar |
| Hydraulic Test Pressure | 65 Bar |
| Design Temperature [TS] | Min.-20C / Max.+130C |
| Cooler Fluid Type | HFC-CFC-HCFC-R744 |
| Fluid Group | 2 |
| Category | CAT I / A |
| 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 | Ö.TÜRKER |
| Approved By | D.GÜL |
| Date | 02.06.2023 |
| Color | RAL 5009 |

MATERIAL DATA

| No | Connection | Model | Code | Qty |
|----|-------------------|-----------------|---------------------|-----|
| 1 | Inlet Connection | ODS 2 1/8" H:40 | 106.033.B10.H48.040 | 1 |
| 2 | Outlet Connection | ODS 2 1/8" H:40 | 106.033.B10.INL.T40 | 1 |
| 3 | Shell | Ø114,3x3 H:450 | 204.H48.45B.054.003 | 1 |
| 4 | Bottom Flange | Ø149x12 | 107.045.H48.114.002 | 1 |
| 5 | Top Flange | Ø149x9 | 107.045.H48.114.001 | 1 |
| 6 | Klingerite Gasket | (Ø114,5-Ø106,5) | 108.114.106.000.K01 | 1 |
| 7 | Blind Plug | NPT 1/4"Plug | 106.130.F02.KTP.023 | 1 |
| 8 | Washer | M8 | 109.080.000.000.R01 | 8 |
| 9 | Bolt | M8X25 | 109.080.025.088.C01 | 8 |
| 10 | Head | Ø114x3 H:29 | 202.045.114.H48.005 | 1 |
| 11 | Filter holder | | M012.000034 | 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 form 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

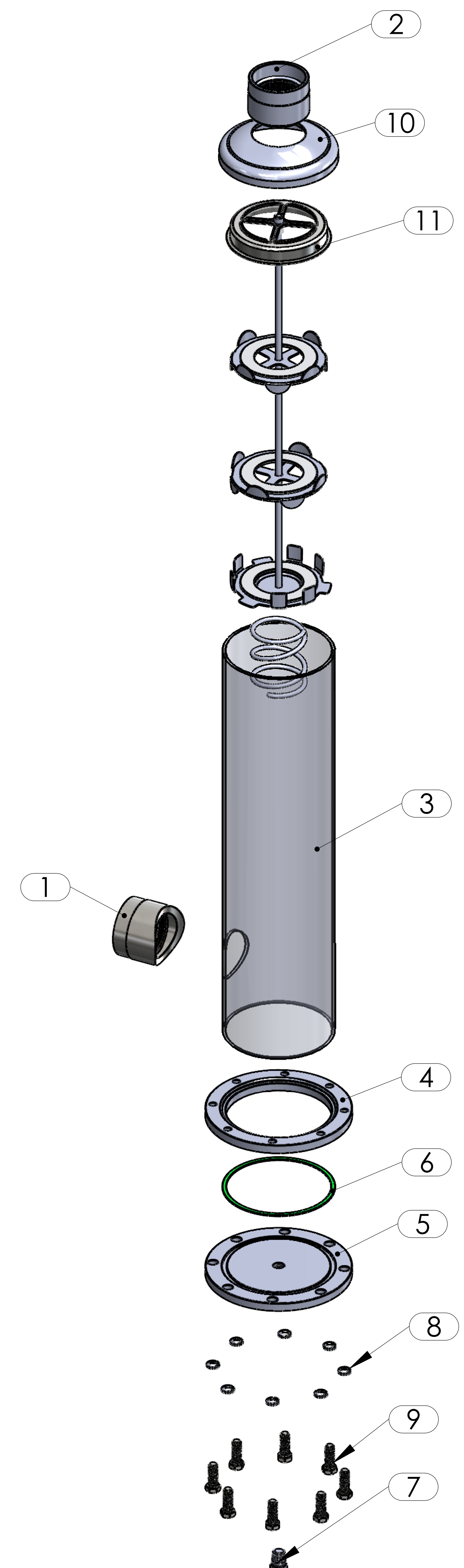
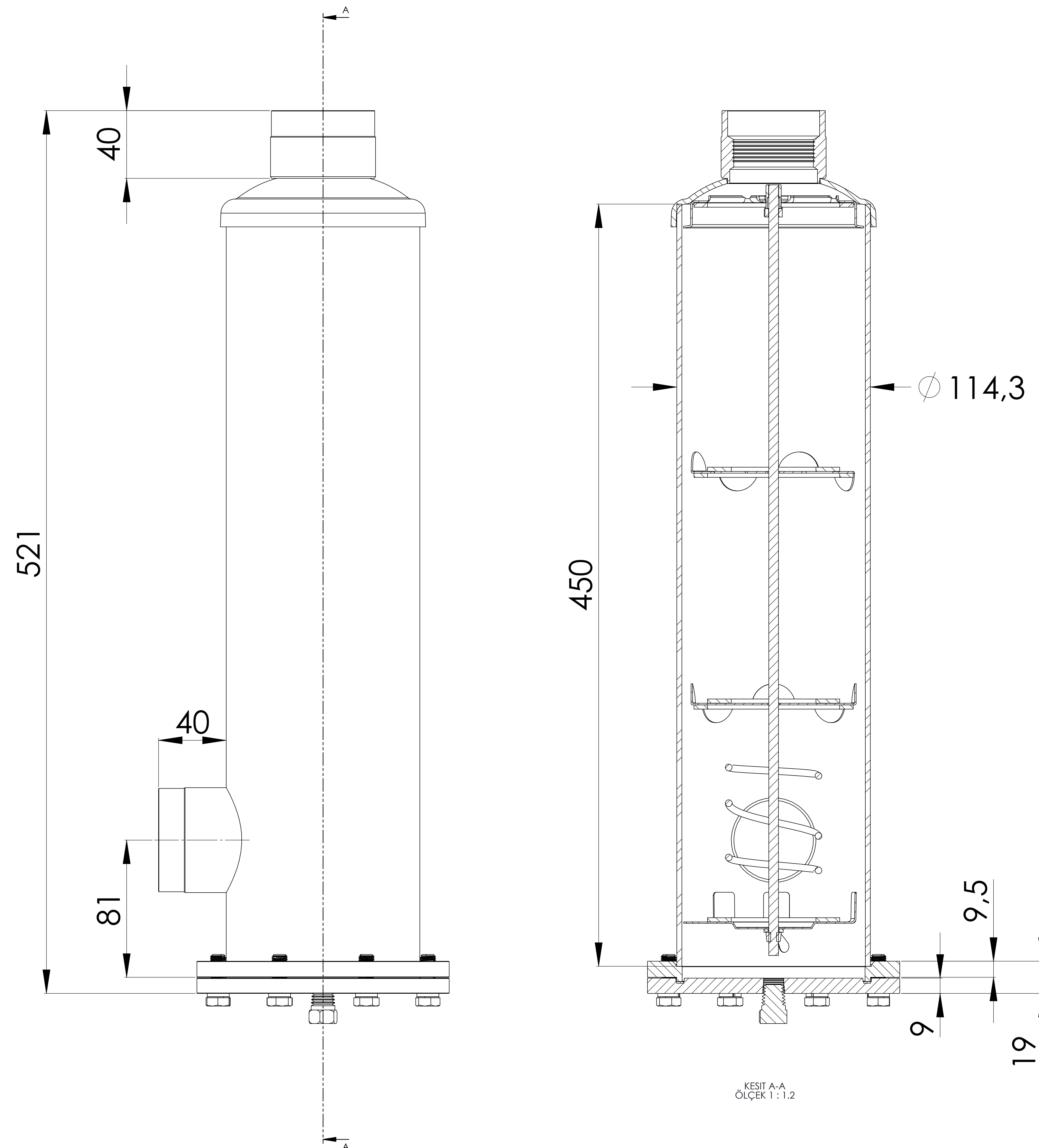
| No | Details Of Change | Date | By |
|----|--|------------|-----|
| 01 | Gövde boyu 450mm olarak kararlaştırıldı. | 07.01.2025 | Ö.T |
| 02 | | | |
| 03 | | | |

RELATED DRAWINGS

| No | Description | Drawing No |
|----|-------------|------------|
| 01 | | |
| 02 | | |



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| No | Assembly Codes | Qty |
|----|----------------|-----|
| 1 | M006.000091 | 1 |
| 2 | M012.000034 | 1 |