



Technical drawing of a Warm Outer Conductor assembly, showing multiple views and dimensions.

Views:

- Top View:** Shows the circular flange with 12 bolt holes and a central opening.
- Side View:** Shows the profile of the assembly, including the bellows and flange. Dimensions include a total length of 398.4 ± 8.0 REF. and section lines A-A and B-B.
- Section A-A:** A cross-section view showing the internal structure, including the bellows and flange. It includes a note: "TIG 2 PL." and a dimension of 1.0.
- Section B-B:** A cross-section view showing the internal structure, including the bellows and flange. It includes a note: "TIG" and a dimension of 1.0.
- Isometric View:** A 3D perspective view of the assembly, showing the flange, bellows, and internal components. It is labeled with a scale of (1:1.5).

Dimensions:

- Total length: 398.4 ± 8.0 REF.
- Section A-A: 1.0
- Section B-B: 1.0

Notes:

- Issued all design changes as Rev C (TIO) - 4/19/07 - SAB
- NOTE:**
- 1. AFTER WELDING, COPPER PLATE 30 MICRONS INTERNAL SURFACES OF ALL STAINLESS STEEL PARTS.

Parts List:

| ITEM | PART NUMBER | DESCRIPTION | MATERIAL | QTY |
|------|-------------|---------------------------|----------------------|-----|
| 1 | 100.122.000 | WARM BELLOWS SUB-ASSEMBLY | | 1 |
| 3 | 100.121.003 | 1-1/3" CF FLANGE | Stainless Steel, 316 | 3 |
| 4 | 100.121.002 | 2-3/4" CF FLANGE | Stainless Steel, 316 | 1 |

Revision History:

| Rev. | Date | Name |
|------|----------|----------|
| 1 | 10/5/04 | Churakov |
| 2 | 01-15-07 | VM |

Designation: WARM OUTER CONDUCTOR

Scale: 1:1

ASSEMBLY: 75 kW CW Input Coupler

100.121.000 AS

Rev. C

398.4 ± 8.0
REF.

A

B

1

3

TIG

A-A

B-B

(1 : 1.5)

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| Scale : 1:1 | | mat: | | Rev. C | |
|-----------------------------------|----------|---------------|------|--------|--|
| ASSEMBLY : 75 kW CW Input Coupler | | DESIGNATION : | | 1 | |
| 100.121.000 AS | | A1 | | 1 | |
| Drawn | 10/5/04 | Date | Name | | |
| Checked | 01-15-07 | Date | Name | | |
| Standard | | Date | Name | | |
| Changes | | Date | Name | | |

398.4 ± 8.0
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