

**DOCUMENTS OF REFERENCE**

[ 1 ] SPREAD MOORING RISER SYSTEM REQUIREMENTS (\*)  
 [ 2 ] SST-P4242024 - GENESIS OIL & GAS BRASIL ENGENHARIA LTDA (CONTRATO 5125.0108113.18.2).

(\*) PROJECT REFERENCE NUMBER TO BE ISSUED DURING EPCI BID PHASE. DEFINITION OF THE RISER TOP CONNECTOR (FLEXIBLE RISER ADAPTOR, FLEXIBLE JOINT OR STRESS JOINT) SELECTED FOR A SPECIFIC PROJECT WITHIN PROJECT DOCUMENTATION.

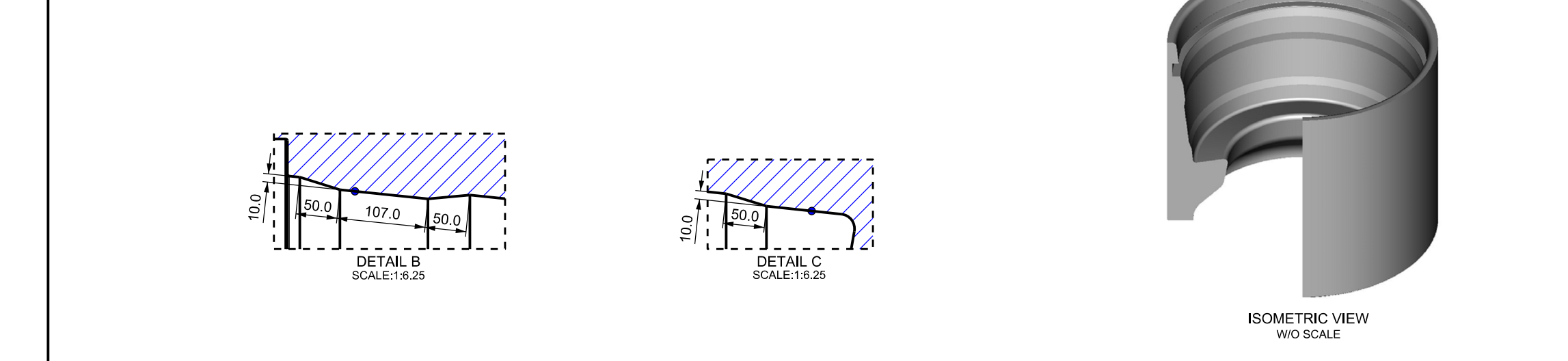
**GENERAL NOTES**

- 1 - THE DEFINITION OF THE EXTERNAL DIAMETER \ PROFILE IS WITHIN MANUFACTURER SCOPE OF WORK, BASED ON CALCULATED RISER TOP LOADS.
- 2 - OPTIONAL GROOVE FOR FLEXIBLE RISER ADAPTER, IF SPECIFIED IN REF [1].
- 3 - DIMENSIONS IN PARENTHESIS ARE REFERENCE MIN./MAX. VALUES. DEVIATION FROM THESE LIMITS SHALL BE AGREED WITH PETROBRAS.
- 4 - ALL MEASURES IN MILLIMETER, EXCEPT WHERE INDICATED OTHERWISE.
- 5 - MEASUREMENTS OF FINISHED SURFACE, AFTER COATING APPLICATION.
- 6 - APPLY COATING ON ALL INTERNAL SURFACES AS PER I-ET-3510.01-1200-956-PPC-004.
- 7 - TOLERANCES WHERE NOT INDICATED:  
 Xmm ± 1.0mm; X° ± 0,5°  
 X.Xmm ± 0.5mm; X.X° ± 0,25°
- 8 - LATERAL GUIDE PLATES/BARS AND TOP GUIDE CONE (NOT SHOWN) AS PER REF [ 1 ].
- 9 - THIS DOCUMENT SUPERSEDES AND REPLACES DOCUMENT I-DE-0000.00-0000-140-P9U-005=0.

| REV. | DESCRIPTION    | DATE     | EXEC.  | CHECK  | APPROV.    |
|------|----------------|----------|--------|--------|------------|
| A    | GENERAL REVIEW | 10/05/19 | M.DIAS | E.LIMA | E.OLIVEIRA |
| 0    | ORIGINAL       | 05/12/17 | EE93   | TS8H   | CLZ2       |

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 Microstation V8i/SS3 EDITION -I-DE-0000.00-0000-140-P9U-005=A.dgn

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|          |  | DP&T                     |
| CLIENT:  | E&P  |                          |
| JOB:     | STANDARDIZATION  |                          |
| AREA:    | DP&T-SUB   |                          |
| TITLE:   | <b>CONICAL RECEPTACLE "TYPE B"<br/>REDUCED PROFILE</b> |                          |
| DESIGN:  | EDR  | EXEC: EE93               |
| APPROV.: | CLZ2   | CHECK: TS8H              |
| DATE:    | 05/12/2017   | CAT.: DRAWING            |
|          | SCALE: 1:12.5  | COD.: -                  |
|          |  | SHEET: 1 OF 1            |
|          |  | MANAGER: SUB/ES/EISE/EDR |
| Nº:      | <b>I-DE-0000.00-0000-140-P9U-005</b>                   |                          |