(Ø152) (19.7) (16x) M8

Ra3.2 Ra0.8

0.5x45° Ø120.6 +0.1 +0.05

0.5x45° Ø100 ±0.2

0.5x45° Ø0.4 A

Detail B Scale: 5:1

All welds must be made using the specified techniques with 100% penetration. Welds and all other surfaces must not be finished by grinding or any other mechanical abrasion. Any part (or component) of the vacuum system showing a room temperature calculated leak rate [localized or global], when measured with a calibrated UV leak detector, in excess of 1.0x10⁻¹¹ Pa.m³.s⁻¹ (1.0x10⁻¹⁰ mbar.l.s⁻¹) will be considered as unacceptable.

1. Component fabrication (degassing and welding).
2. Inscribe drawing number on shaded area with an electrical pen.
3. Leak detection, the test report has to be supplied to the AT Vacuum Group.
4. UV cleaning according to CERN report "procedure qualité": 667.11 (for Stainless steel) or 667.12 (for aluminum and copper). CERN reference number 76034.

CTF3 TUBULAR VACUUM CHAMBER
TRANSLATION FLANGE
DN100CF/DN100 FOR ALUMINIUM SEAL
BRIDE DE TRANSITION
DN100CF/DN100 POUR JOINT ALUMINIUM

CTFVCTUB017

A 2008-02-26 N. CHRISTIN new description in the part list

IND. DATE NOM/NAME ZONE MODIFICATION

PROJECT ENGINEER FOR EXECUTION - CTFVCTUB0217 3 A

ENB/ABS S.ENS/S. ABS