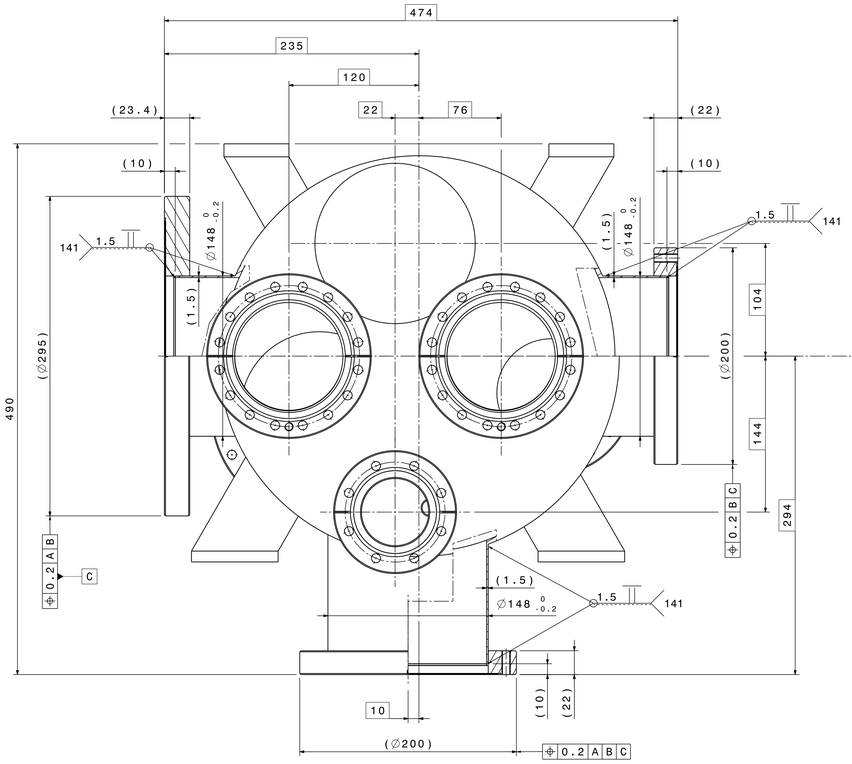
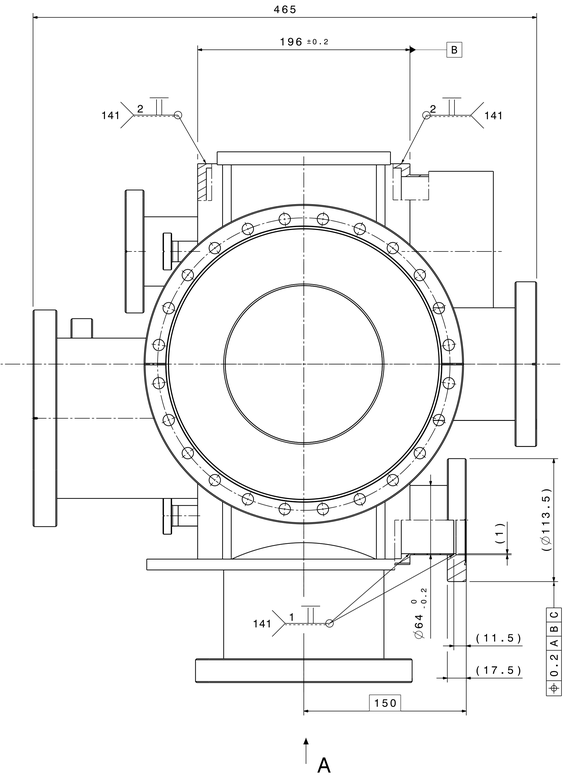
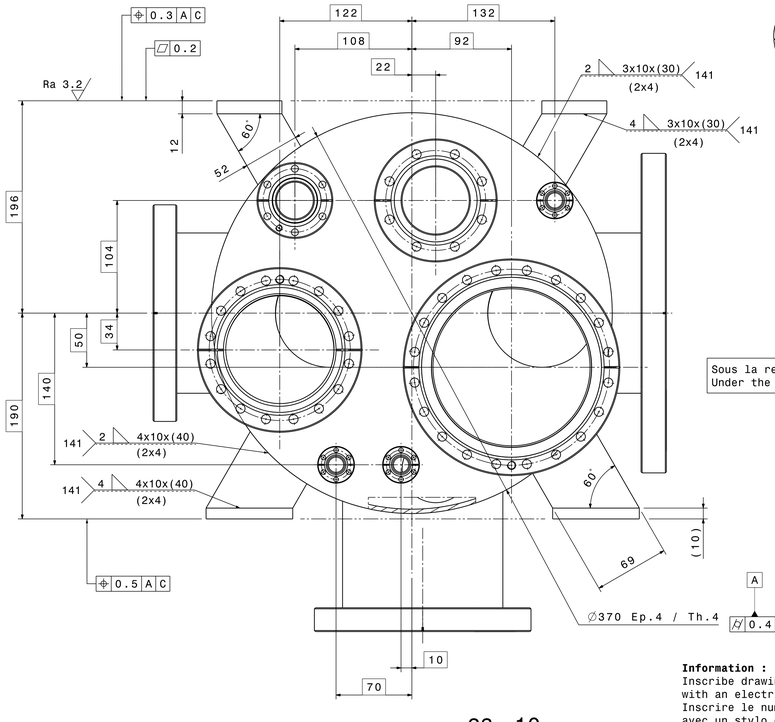
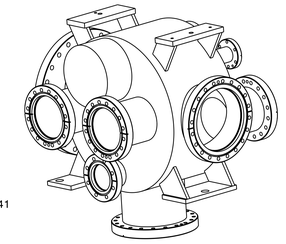


Vue A
View







Approximative mass : 48 kg
Masse approximative

Sous la responsabilite de G. TRANQUILLE AB/BI
Under the responsibility for G. TRANQUILLE AB/BI

Information :
Inscribe drawing number on shades area
with an electrical pen.
Inscrire le numéro de détail sur une zone predefini
avec un stylo electrique.

Cutting of the material : Ra 3.2
Decoupes des matieres

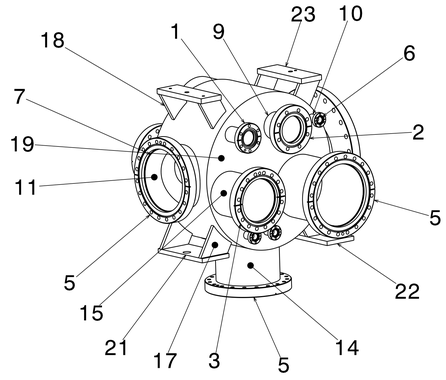
Cleaning / Nettoyage
According procedure / Suivant procedures de
L. Ferreira, CERN Reports : Procedure Qualite 867.11,
867.15, 876.16 (2003)

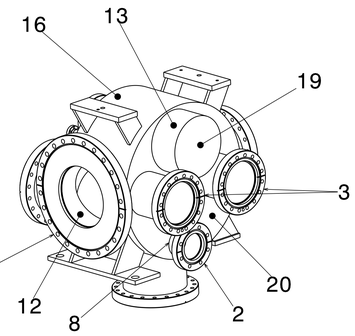
Vacuum firing / Traitement Thermique
600°C for 24H / 600°C pendant 24H

NEG coating / Depot NEG
Coating with 2 μm Ti-Zr-V / Dépôt de 2 μm de Ti-Zr-V

	Tolerances geometriques, lineaires et angulaires	ISO 2768-mK-E
GENERAL TOLERANCE	Aretes de forme non definies	ISO 13715

Ra 3.2 (▽)





QUANT	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF.CERN
3	UHV FLANGE - TUBULATED 34/16 SCEM 16.60.16.000.0	6		STDVFUHV0021	
	BRIDE UHV - TUBULE 34/16 SCEM 16.60.16.000.0				
3	UHV FIXED FLANGE Ø200	5		E43.1033.DET5	
	BRIDE UHV FIXE Ø200				
1	UHV FIXED FLANGE Ø295	4		E43.1032.DET4	
	BRIDE UHV FIXE Ø295				
3	UHV FIXED FLANGE Ø152	3		E43.1027.DET3	
	BRIDE UHV FIXE Ø152				
2	UHV FIXED FLANGE Ø113.5	2		E43.1025.DET2	
	BRIDE UHV FIXE Ø113.5				
1	UHV FIXED FLANGE Ø70	1		E43.1023.DET2	
	BRIDE UHV FIXE Ø70				

QUANT	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF.CERN
2	SHEET TH. 15mm	23	ST. STEEL	170x60x15mm	44.59.32
	TOLE EP. 15mm		304L		115.0
1	SHEET TH. 10mm	22	ST. STEEL	300x90x10mm	44.59.32
	TOLE EP. 10mm		304L		100.7
1	SHEET TH. 10mm	21	ST. STEEL	145x90x10mm	44.59.32
	TOLE EP. 10mm		304L		100.7
2	SHEET TH. 8mm	20	ST. STEEL	Ø380mm	44.59.32
	TOLE EP. 8mm		304L		080.4
1	SHEET TH. 8mm	19	ST. STEEL	Ø155mm	44.59.32
	TOLE EP. 8mm		304L		080.4
2	SHEET TH. 8mm	18	ST. STEEL	90x60x8mm	44.59.32
	TOLE EP. 8mm		304L		080.4
2	SHEET TH. 8mm	17	ST. STEEL	90x80x8mm	44.59.32
	TOLE EP. 8mm		304L		080.4
1	SHEET TH. 4mm	16	ST. STEEL	Ø370 LENGTH / LONG. 200mm	44.59.32
	TOLE EP. 4mm		316LN		540.7
3	SHEET TH. 2mm	15	ST. STEEL	Ø104 LENGTH / LONG. 120mm	44.59.32
	TOLE EP. 2mm		316LN		520.1
1	SHEET TH. 1.5mm	14	ST. STEEL	Ø148 LENGTH / LONG. 120mm	44.59.32
	TOLE EP. 1.5mm		316LN		515.8
1	SHEET TH. 1.5mm	13	ST. STEEL	Ø148 LENGTH / LONG. 90mm	44.59.32
	TOLE EP. 1.5mm		316LN		515.8
1	SHEET TH. 1.5mm	12	ST. STEEL	Ø148 LENGTH / LONG. 65mm	44.59.32
	TOLE EP. 1.5mm		316LN		515.8
1	SHEET TH. 1.5mm	11	ST. STEEL	Ø148 LENGTH / LONG. 70mm	44.59.32
	TOLE EP. 1.5mm		316LN		515.8
3	SHEET TH. 1.5mm	10	ST. STEEL	Ø19 LENGTH / LONG. 35mm	44.59.32
	TOLE EP. 1.5mm		316LN		515.8
1	SHEET TH. 1mm	9	ST. STEEL	Ø64 LENGTH / LONG. 70mm	44.59.32
	TOLE EP. 1mm		316LN		510.3
1	SHEET TH. 1mm	8	ST. STEEL	Ø64 LENGTH / LONG. 60mm	44.59.32
	TOLE EP. 1mm		316LN		510.3
1	SHEET TH. 1mm	7	ST. STEEL	Ø36 LENGTH / LONG. 75mm	44.59.32
	TOLE EP. 1mm		316LN		510.3

ENS/ASS — S.ENS/S.ASS — LEILTSMB0001

LEIR Vacuum Chamber Pump Tank variant B

MONITOR SCRAPER H / V
VACUUM TANK MSHV 41, 43
RACLEUR H / V AVEC ECRAN
TANK A VIDE MSHV 41, 43

ECHELLE SCALE 1:5 — DES/DRA. ACROTECNA 2006-11-28 — CONTROLLED — RELEASED — APPROVED

LEI\VCPTB0\LEIVCPTB0001

REMPLACE/REPLACES

NON VALABLE POUR EXECUTION
NOT VALID FOR EXECUTION

SUC - LEIVCPTB0001 SIZE A0 IND. 0

This drawing represents a part (or a component) of the vacuum system for LEIR with will operate at 10-10 Pa (10-12Torr).All welds must be made using the specified technics 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 leak rate (localized or global),when measured with a calibrated UHV leak detector, in excess of 1x10-11 Pa m3 s-1 (7.5x10-11 Torr ls-1) will be considered as unacceptable.

Ce dessin represente une partie (ou composant) du systeme a vide LEIR qui fonctionnera a 10-10 Pa (10-12 Torr). Toutes les soudures seront realisees selon le procede specifique avec penetration de 100%.Ces soudures ne doivent etre ni meulees ni abrasees. Toute partie (ou composant) du systeme a vide ayant un taux de fuite (local ou global), qui est mesure a l'aide d'un detecteur de fuite UHV, superieur a 1x10-11 Pa m3 s-1 (7.5x10-11 Torr ls-1) sera considere comme inacceptable.

DESSIN NON CONTRACTUEL - TOLERANCES SELON ISO 2768-mK-E
DRAWING NON CONTRACTUAL - TOLERANCES ACCORDING TO ISO 2768-mK-E

ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH
GENEVE

CE DESSIN NE DOIT ETRE COMMUNIQUE A DES TIERS OU UTILISE A DES FINS COMMERCIALES SANS AUTORISATION ECRITE PREALABLE
THIS DRAWING MUST NOT BE COMMUNICATED TO THIRD PARTIES OR USED FOR COMMERCIAL PURPOSES WITHOUT PRIOR WRITTEN AUTHORISATION