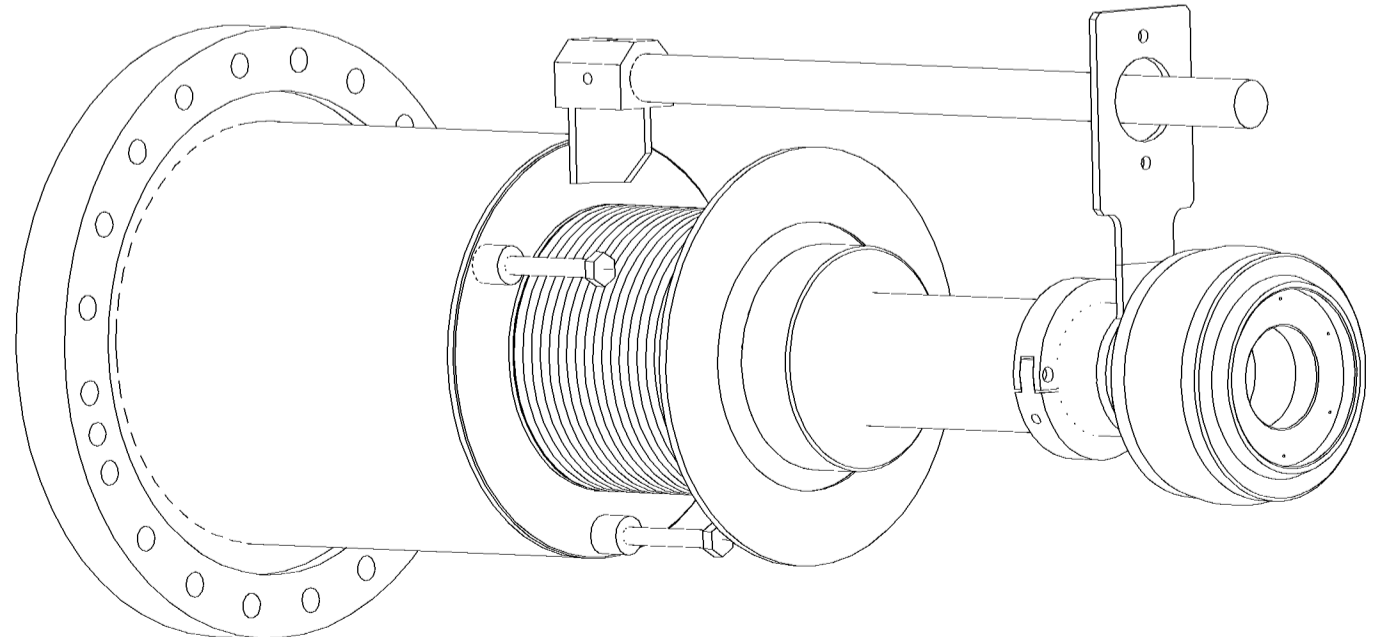


UHV WELDS MUST BE CARRIED OUT WITH ARGON PROTECTION WITHOUT FILLER METAL AND WITH 100% PENETRATION
 WELDS MUST NOT BE GROUND OR FINISHED BY MECHANICAL ABRASION
 A LEAK RATE MORE THAN $10^{-11} \text{ Pa m}^3 \text{ s}^{-1}$
 ($10^{-10} \text{ mbar l s}^{-1}$) IS UNACCEPTABLE



2	ELASTIC PIN $\varnothing 5 \times 12$	13	Steel	Bossard BN 876	
3	SOCK. HEAD SCREW. M6x50x24 VIS CY.TR6P. M6x50x24	12	ST.STEEL INOX A4		4 7.62.71 265.2
	Rond BAR $\varnothing 160$ Round bar $\varnothing 160$	11	AISI316 LN		4 4.57.10 366.3
1	spring	10			
4	Hex SKT HD set screw M5x8	9	A2		4 7.62.88 208.8
3	Hex countersunk screw M3x6	8	A4	Bossard BN4 719- Ag coated 5 microns	
1	ROND BAR $\varnothing 16$ ROND $\varnothing 16$	7	inox 304 L		4 4.57.10 4 16.0
1	BELLOW Z=18500 - CENTERING RING	6		LHCVBX_0023	

1	BELLOW Z=18500 - SHAFT SUPPORT	5		LHCVBX_0022	
1	BELLOW Z=18500 - TRANSITION CONE+	4		LHCVBX_0018	
1	BELLOW Z=18500 - BELLOW MODULE	3		LHCVBX_0021	
1	BELLOW Z=18500 - SUB-ASSEMBLY HEL	2		LHCVBX_0017	
1	BELLOW Z=18500 - CONFLAT SUB ASSE	1		LHCVBX_0015	
QUANT	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF.CERN
	ENS./ASS.		S.ENS./S.ASS.		

Vacuum - Bellows - CMS

CMS-BELLOW MODULE Z=18500 ASSEMBLY

ECHELLE SCALE 1:1

DES/DRA	G. FOFFANO	2006-04-25
CONTROLLED	W. CAMERON	2006-06-13
RELEASED	P. LEPELLE	2006-12-06
APPROVED	-	-
CMS_VAC_VACUUM_CHAMBER2_CM52_CM52253PL		
REPLACE/REPLACES		

RELEASED BY PROJECT ENGINEER FOR INFORMATION GAC - **LHCVBX5_0001** SIZE 2 IND. A

DESSIN - RUGOSITE, TOLERANCES SELON NORME ISO
 DRAWING - RUGOSITY, TOLERANCES ACCORDING TO ISO STANDARD
 PROJECTION
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A	2006-06-13	G. FOFFANO		updated
IND.	DATE	NOM/NAME	ZONE	MODIFICATION