



MASS = 14kg

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  $10^{-11}$  Pa m<sup>3</sup> s<sup>-1</sup>  
 ( $10^{-10}$  mbar l s<sup>-1</sup>) IS UNACCEPTABLE

QTY	DESCRIPTION	POS	MAT.	REVISIONS	REMARKS
2	ELASTIC PIN Ø 5x12	14	Steel	Bossard BN 876	
3	SKT HD CAP SCREW M6x50x24	13	STAINLESS STEEL		4.7.62.71
	VIS CY.TR6P. M6x50x24		INOX A4		265.2
1	ROUND BAR Ø 160	12	STAINLESS STEEL		4.4.57.10
	ROND Ø 160		316 LN		366.3
1	SPRING	11			
4	HEX SKT HD SET SCREW M5x8	10	A2	CONE POINT	4.7.62.88
					208.8
3	HEX SKT CSK HD CAP SCREW M3x6	9	STAINLESS STEEL	Bossard BN679- Ag coated 5 microns	
			A4		
1	ROUND BAR Ø 16 x 300	8	STAINLESS STEEL		4.4.57.10
	ROND Ø 16 x 300		inox 304 L		4.16.0
1	BELLOW Z-Ø500 - CENTERING RING	7		LHEVBX...0023	
1	BELLOW Z-Ø500 - SHAFT SUPPORT	6		LHEVBX...0022	
1	TRANSITION CONE+RF CONTACT	5		LHEVBX...001B	
1	PUMPING LINE	4		LHEVC1J...0011	
1	BELLOWS MODULE	3		LHEVBX...0021	
1	HELICOFLEX SUB-ASSY	2		LHEVBX...0017	
1	CONFLAT SUB ASSY	1		LHEVBX...0024	

REV.	DATE	BY	CHKD	APP'D	REVISIONS
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VACUUM CHAMBER - POINT 1 - SHIELDING  
 BELLOWS MODULE  
 PROJECT ENGINEER FOR EXECUTION LHCVC1J-0009

PRODUCTION RESPONSIBLE OFFICER  
 DESIGN, DRAWING, MANUFACTURING, ASSEMBLY, TESTING, MAINTENANCE, PROJECTION, PROTECTION, ACCORDING TO ISO STANDARD  
 THIS DRAWING MAY NOT BE USED FOR COMMERCIAL PURPOSES WITHOUT WRITTEN AUTHORIZATION

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