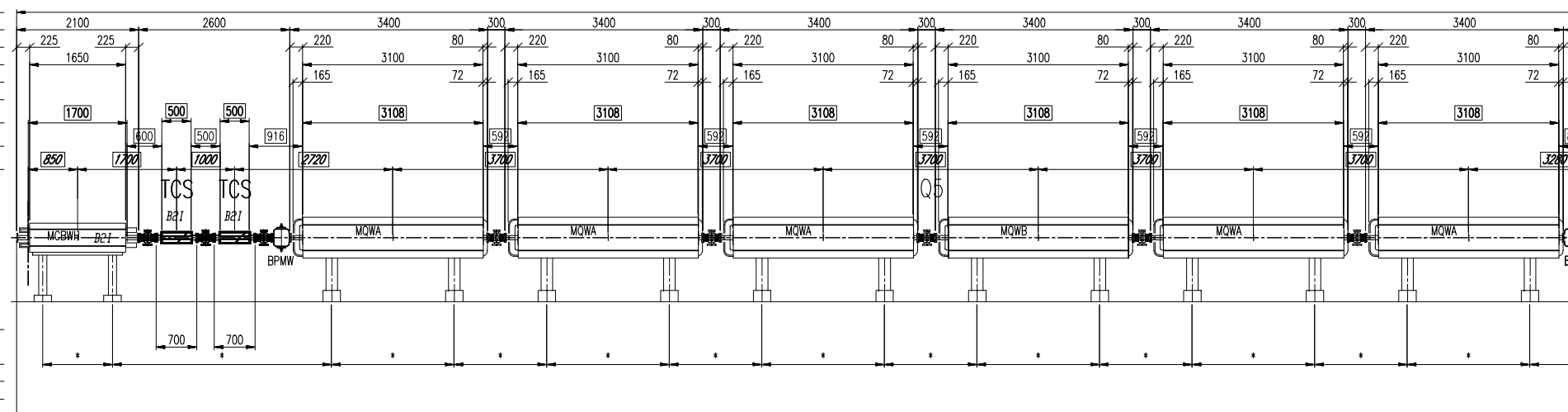


LC  
DIP  
LCM  
CM/IP  
LM  
DM/CM  
ML  
DML  
DMC

DSP  
DWJ  
DW/IP  
LW



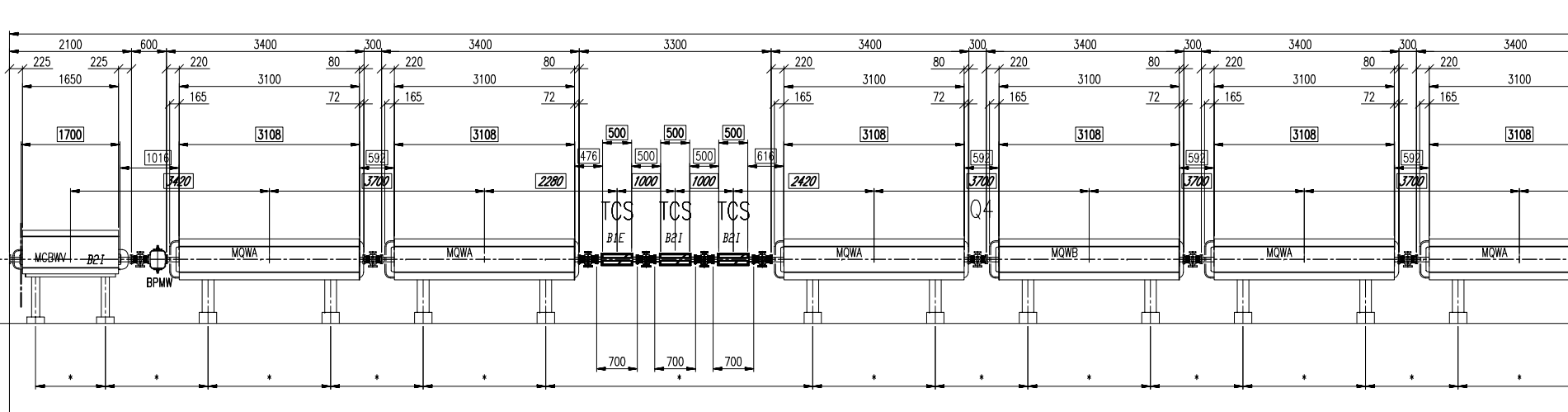
C5.L7

DESIGN, PRODUCTION, TOOLERANCES  
DRAWING, PRODUCTION, TOOLERANCES  
ACCORDING TO ISO STANDARDS

DESIGN, PRODUCTION, TOOLERANCES  
DRAWING, PRODUCTION, TOOLERANCES  
ACCORDING TO ISO STANDARDS

LC  
DIP  
LCM  
CM/IP  
LM  
DM/CM  
ML  
DML  
DMC

DSP  
DWJ  
DW/IP  
LW



C4.L7 (1:50)

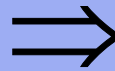
F	2002-03-15	H. PRIN		LAYOUT V6.4 APPROVED BY TCC 01/03/02
E	2001-04-03	H. PRIN		LAYOUT V6.3 APPROVED PLC 64 22/03/01
D	2000-07-27	H. PRIN		LAYOUT V6.2 APPROVED PLC 61 12/07/00
C	1999-10-18	H. PRIN		LAYOUT V6.1 APPROVED PLC 54 22/09/99
B	1999-08-13	H. PRIN		LAYOUT V6.1 PLC 53 30/06/99
A	1998-11-09	JF.RAKOTO		LAYOUT 6.0, APPROVED PLC 43 1998-10-28
IND.	DATE	NOM/NAME	ZONE	MODIFICATION



# MQW vacuum system: status



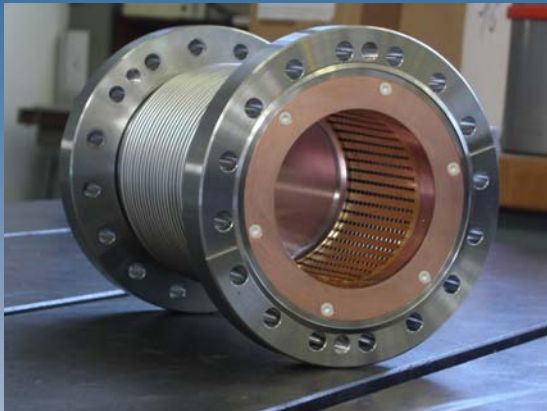
- Aperture **insufficient**
- 0.5 mm gap to magnet  
 $\Rightarrow \mathcal{I}_{\max} = 200 \text{ }^\circ\text{C}$



## Difficulties:

- Installation: insitu welding
- Integration: 2 orientations

# Bellows modules



Short module 200 mm



Long modules 300 mm



- Short: no pumping
- Long: pumping & support option
- Cross-sectional transitions with inserts

