



PROJECT: WA104
AIM: ICARUS retrofit of 230V process equipment
DATE: 22/02/2015

CRYOGENIC ELEMENT DESCRIPTION:

POS.	DESCRIPTION	PUMP DATA	E[V]	I[A]	P[W]	design f[Hz]
1	BNCP-51B-000	2CP51E06	3ph.230	0.75	180	136
2	BNCP-51B-000	3CP51E06	3ph.230	0.75	180	136
3	BNCP-51B-000	4CP51E06	3ph.230	0.75	180	136
4	BNCP-51B-000*	5CP51C10	3ph.230	0.75	180	136
5	BNCP-32C-000**	7CP32B13	3ph.230	1.2	300	40

CRYO POWER REQUIREMENT:

- CONNECTION: 3 phase -230 [V]
- CURRENT: ≈ 4 [amp]
- TOTAL POWER: ≈ 1.0 [kW]

VACUUM GENERATION ELEMENT DESCRIPTION:

POS.	DESCRIPTION	PUMP DATA	MOTOR DATA	ELECTRIC DATA
1	SCROLL PUMP			
2	SCROLL PUMP			
3	SCROLL PUMP			
4	SCROLL PUMP			
5	SCROLL PUMP			
6	SCROLL PUMP			
7	SCROLL PUMP			
8	SCROLL PUMP			
9	TURBO M. PUMP			
10	TURBO M. PUMP			
11	TURBO M. PUMP			
12	TURBO M. PUMP			
13	TURBO M. PUMP			
14	TURBO M. PUMP			
15	TURBO M. PUMP			
16	TURBO M. PUMP			

VACUUM POWER REQUIREMENT:

- CONNECTION: 3 phase -220 [V] @ 50[Hz]
- CURRENT: [amp]
- TOTAL POWER: [kW]

*Fourth pump is a spare pump, it does not count as an electric load, but a replacement.
** BNCP-32C-000 pump is not listed, but is secured in the container.

