TEST REPORT

PUMP	VERT CF-2 1500

DATE	Periodic re-testing is carried out annually in January to verify continued compliance

NOMINAL DATA					
Qmax:	200 m3/h	**Hmax:**	23 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	23 A	**Freq:**	50 Hz

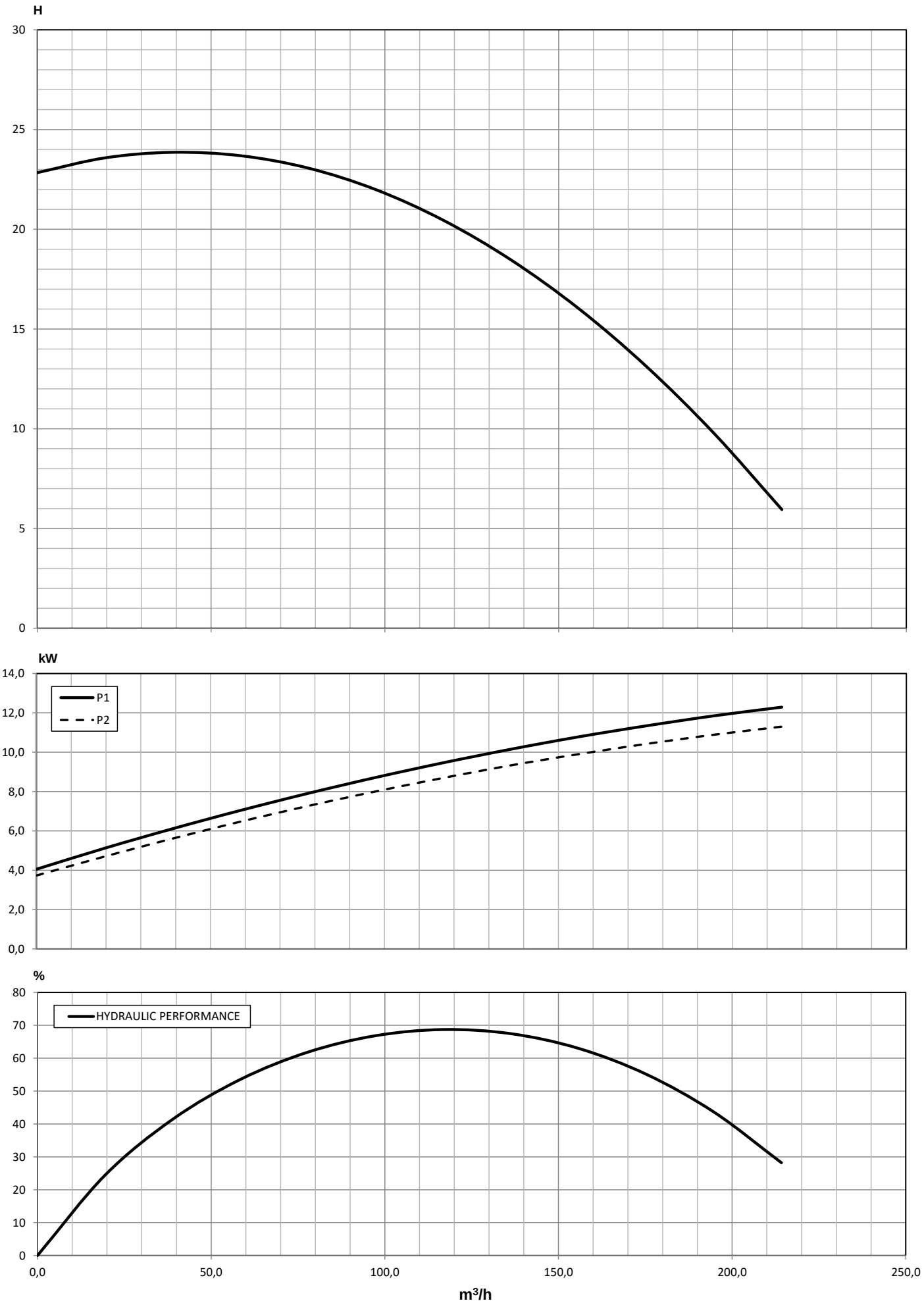
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	21,7 ºC
Suction Size:	DN 125	**Drive Size:**	DN 100	**Ambient Temp:**	26,8 ºC

PUMP PERFORMANCE TESTING REPORT

No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m3/h)	**In Head (m)**	**Out Head (m)**	**Kinetic (m)**	**Head (m)**	**Efficiency (%)**	**Speed (rpm)**	**Voltage (V)**	**Amp (A)**	**Power Factor**	**Power IN (W)**
1	**0,00**	1,49	24,33	0,00	**22,84**	0,00	2.911	396	7,60	0,78	**4.054**
2	**19,47**	1,27	24,84	0,01	**23,58**	24,45	2.904	397	9,57	0,78	**5.107**
3	**38,95**	1,05	24,85	0,06	**23,86**	41,44	2.897	398	11,43	0,77	**6.098**
4	**58,42**	0,83	24,39	0,13	**23,69**	53,55	2.893	399	13,17	0,77	**7.030**
5	**77,89**	0,61	23,45	0,23	**23,07**	61,85	2.881	400	14,81	0,77	**7.900**
6	**97,36**	0,39	22,02	0,36	**21,99**	66,85	2.870	396	16,32	0,78	**8.710**
7	**116,84**	0,17	20,11	0,51	**20,45**	68,71	2.861	397	17,73	0,78	**9.459**
8	**136,31**	-0,05	17,71	0,70	**18,46**	67,45	2.853	398	19,02	0,77	**10.147**
9	**155,78**	-0,27	14,84	0,91	**16,02**	62,98	2.848	397	20,19	0,78	**10.775**
10	**175,25**	-0,49	11,47	1,16	**13,12**	55,13	2.843	396	21,26	0,78	**11.342**
11	**194,73**	-0,71	7,62	1,43	**9,76**	43,64	2.831	400	22,20	0,77	**11.849**
12	**214,20**	-0,93	3,29	1,73	**5,95**	28,21	2.830	399	23,04	0,77	**12.294**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation