TEST REPORT

PUMP	VERT CF-2 1000

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

NOMINAL DATA					
Qmax:	175 m3/h	**Hmax:**	22 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	15,5 A	**Freq:**	50 Hz

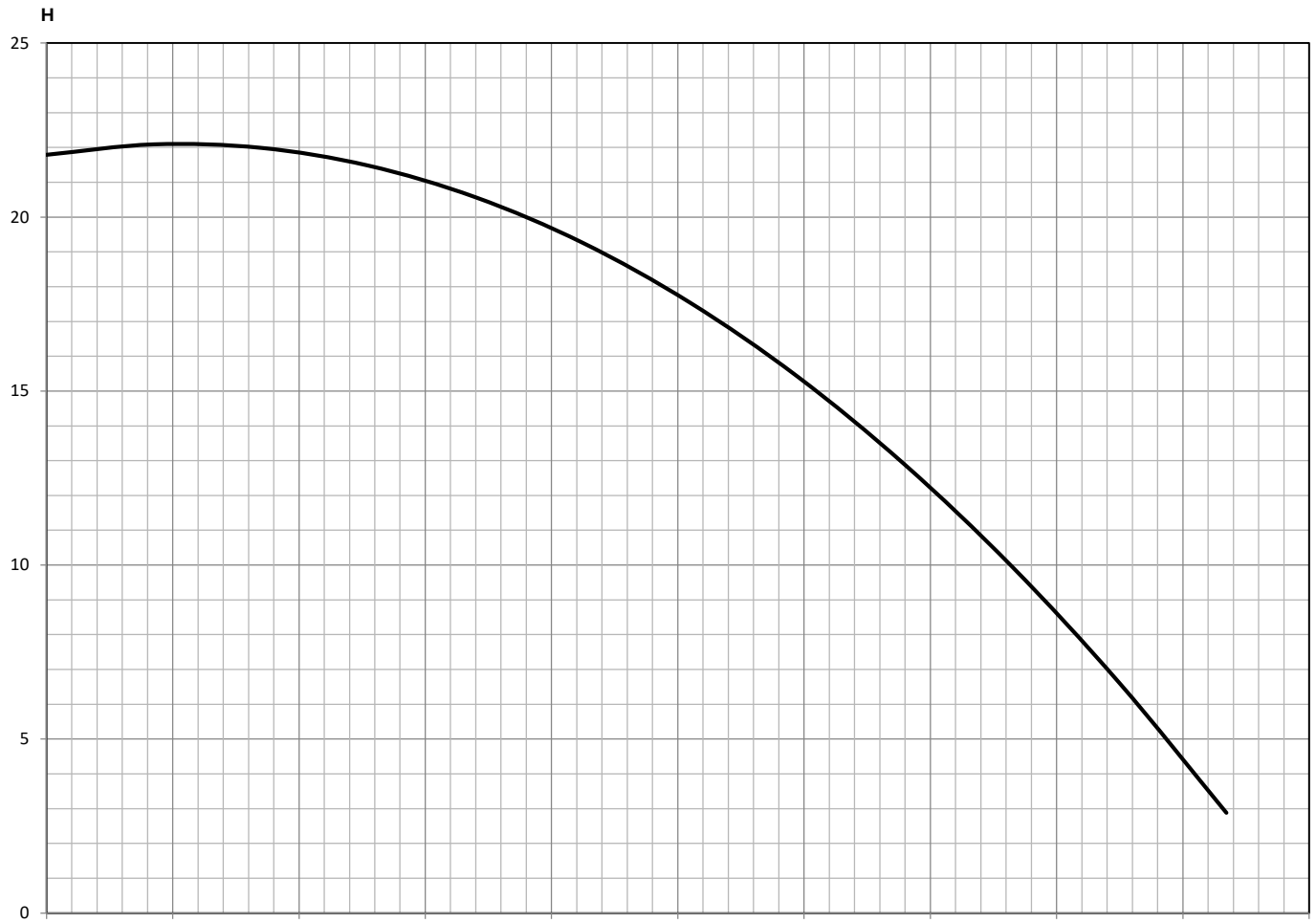
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	21,2 ºC
Suction Size:	DN 125	**Drive Size:**	DN 100	**Ambient Temp:**	24,8 ºC

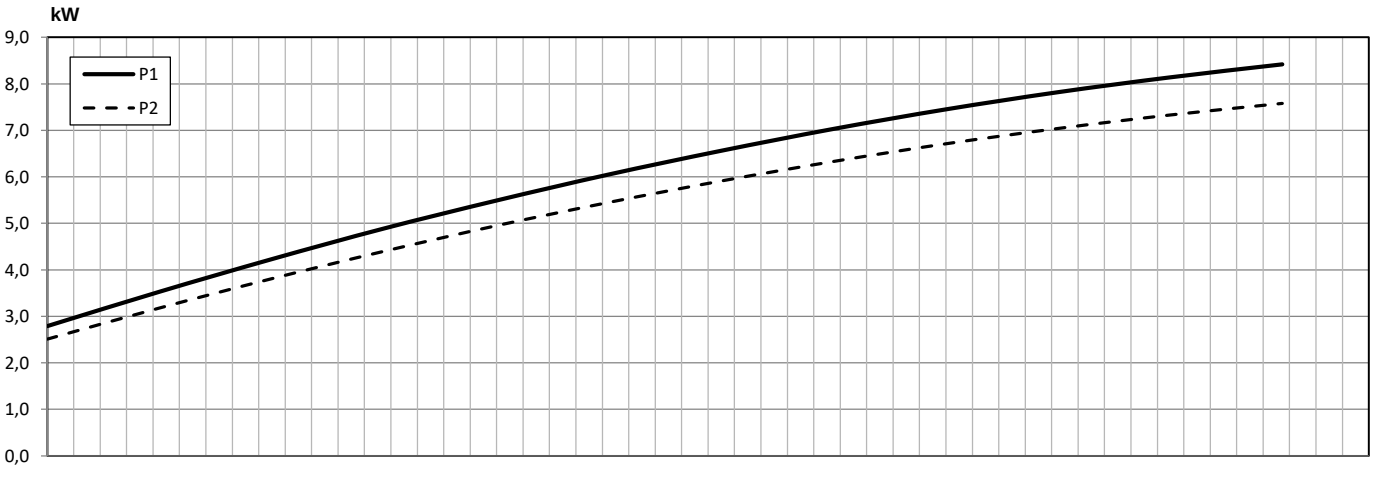
PUMP PERFORMANCE TESTING REPORT

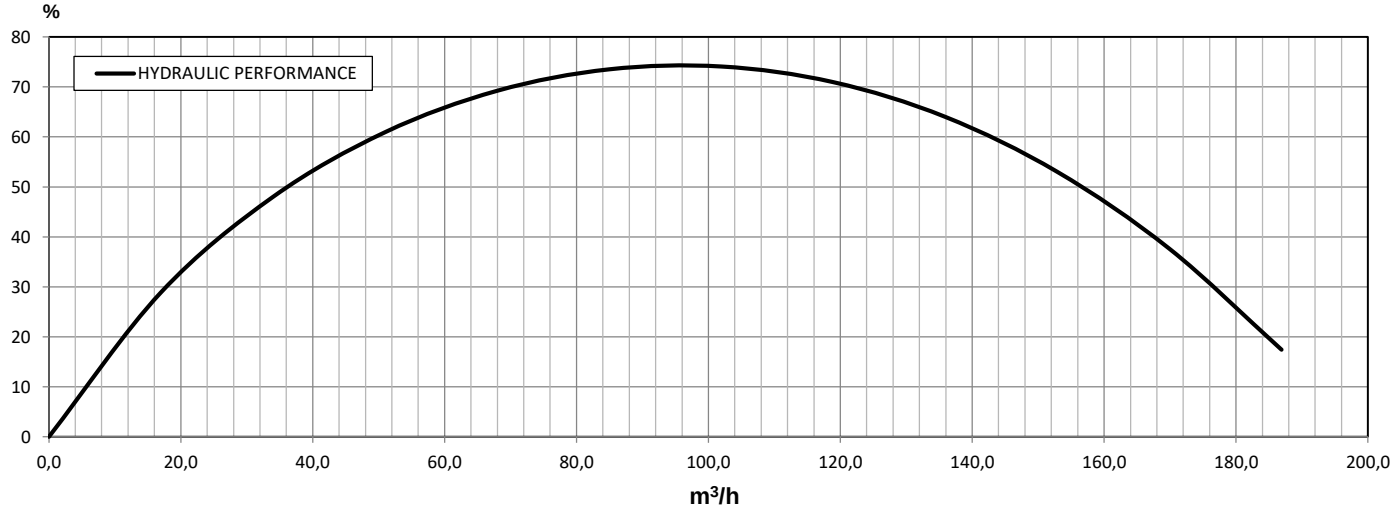
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m3/h)	**In Head (m)**	**Out Head (m)**	**Kinetic (m)**	**Head (m)**	**Efficiency (%)**	**Speed (rpm)**	**Voltage (V)**	**Amp (A)**	**Power Factor**	**Power IN (W)**
1	**0,00**	1,49	23,28	0,00	**21,79**	0,00	2.916	396	5,22	0,78	**2.786**
2	**16,99**	1,3	23,38	0,01	**22,09**	28,89	2.908	399	6,62	0,77	**3.533**
3	**33,98**	1,11	23,05	0,04	**21,99**	48,00	2.897	400	7,93	0,77	**4.233**
4	**50,97**	0,91	22,3	0,10	**21,48**	60,94	2.887	400	9,16	0,77	**4.886**
5	**67,96**	0,72	21,12	0,17	**20,57**	69,23	2.878	401	10,29	0,77	**5.492**
6	**84,95**	0,53	19,52	0,27	**19,26**	73,52	2.870	399	11,34	0,77	**6.051**
7	**101,95**	0,34	17,49	0,39	**17,54**	74,09	2.869	402	12,30	0,77	**6.563**
8	**118,94**	0,14	15,03	0,53	**15,42**	70,95	2.855	402	13,17	0,77	**7.028**
9	**135,93**	-0,05	12,14	0,70	**12,89**	64,00	2.848	398	13,95	0,77	**7.445**
10	**152,92**	-0,24	8,84	0,88	**9,96**	52,99	2.840	402	14,65	0,77	**7.816**
11	**169,91**	-0,43	5,1	1,09	**6,62**	37,61	2.830	399	15,25	0,77	**8.139**
12	**186,90**	-0,62	0,94	1,32	**2,88**	17,42	2.825	401	15,77	0,77	**8.415**

Curves according ISO 9906 Annex A regulation

TEST REPORT







Curves according ISO 9906 Annex A regulation