TEST REPORT

PUMP	VERT CF-2 551

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

NOMINAL DATA					
Qmax:	128 m3/h	**Hmax:**	17 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	9,5 A	**Freq:**	50 Hz

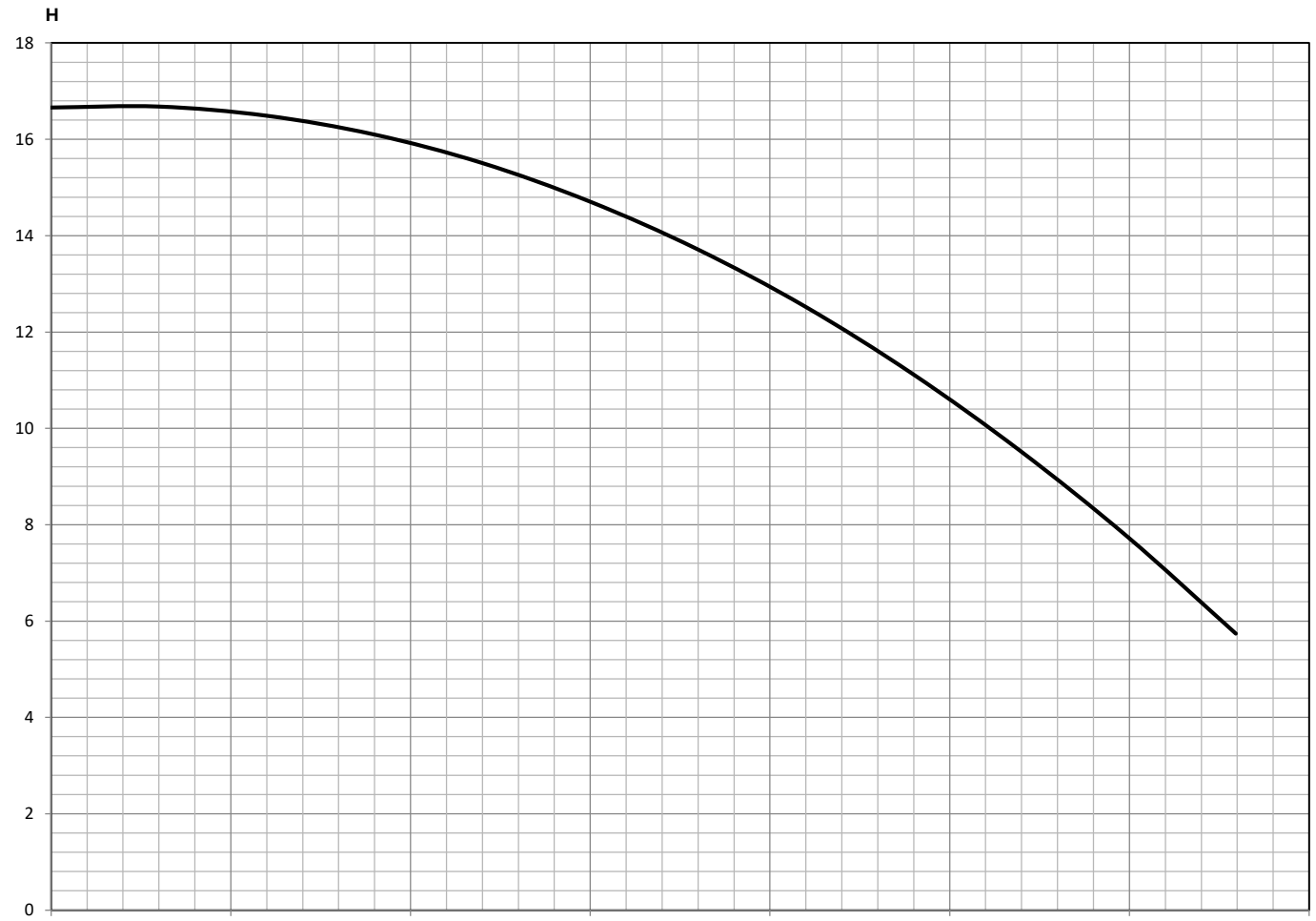
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	21,9 ºC
Suction Size:	DN 125	**Drive Size:**	DN 100	**Ambient Temp:**	27,6 ºC

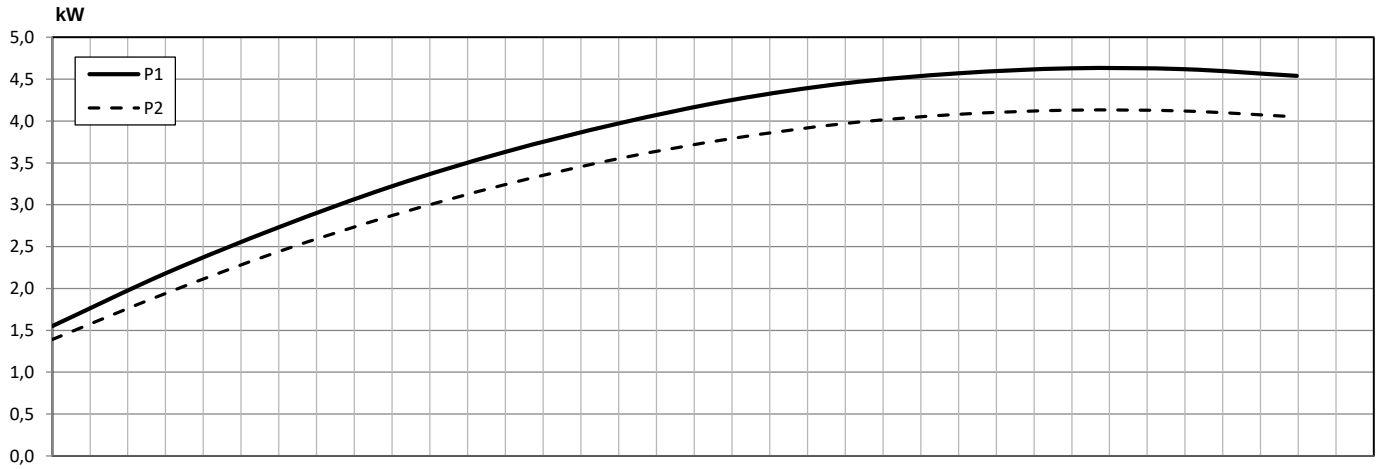
PUMP PERFORMANCE TESTING REPORT

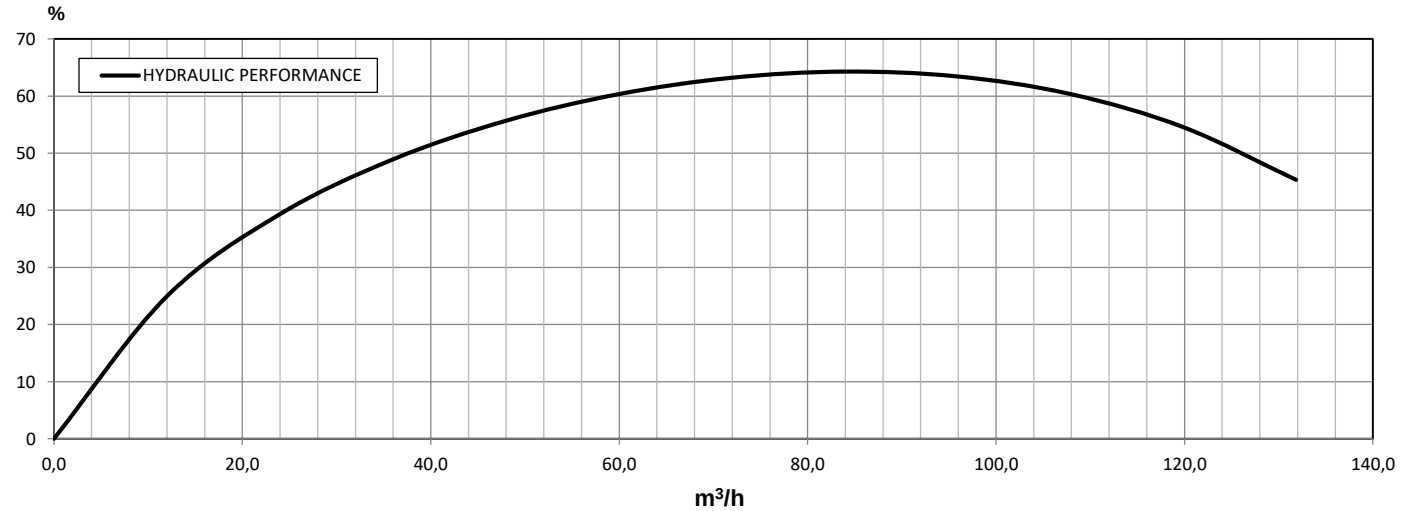
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m3/h)	**In Head (m)**	**Out Head (m)**	**Kinetic (m)**	**Head (m)**	**Efficiency (%)**	**Speed (rpm)**	**Voltage (V)**	**Amp (A)**	**Power Factor**	**Power IN (W)**
1	**0,00**	1,49	18,16	0,00	**16,66**	0,00	2.914	396	2,91	0,78	**1.553**
2	**11,99**	1,36	18,02	0,01	**16,68**	24,94	2.902	402	4,08	0,77	**2.179**
3	**23,97**	1,22	17,69	0,02	**16,49**	39,30	2.901	401	5,12	0,77	**2.735**
4	**35,96**	1,08	17,13	0,05	**16,1**	48,90	2.887	403	6,03	0,76	**3.219**
5	**47,94**	0,95	16,36	0,09	**15,51**	55,66	2.882	398	6,81	0,77	**3.632**
6	**59,93**	0,81	15,39	0,14	**14,71**	60,33	2.877	400	7,45	0,77	**3.975**
7	**71,91**	0,68	14,21	0,19	**13,72**	63,20	2.861	403	7,96	0,76	**4.246**
8	**83,90**	0,54	12,8	0,27	**12,53**	64,28	2.860	402	8,33	0,77	**4.446**
9	**95,88**	0,41	11,19	0,35	**11,13**	63,44	2.853	400	8,57	0,77	**4.575**
10	**107,87**	0,27	9,36	0,44	**9,53**	60,36	2.842	397	8,68	0,78	**4.633**
11	**119,85**	0,13	7,33	0,54	**7,74**	54,57	2.832	399	8,66	0,77	**4.620**
12	**131,84**	0	5,08	0,65	**5,74**	45,34	2.829	400	8,50	0,77	**4.536**

Curves according ISO 9906 Annex A regulation

TEST REPORT







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