TEST REPORT

PUMP	VERT HF-2 308

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

NOMINAL DATA					
Qmax:	20 m3/h	**Hmax:**	29 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	5,2 A	**Freq:**	50 Hz

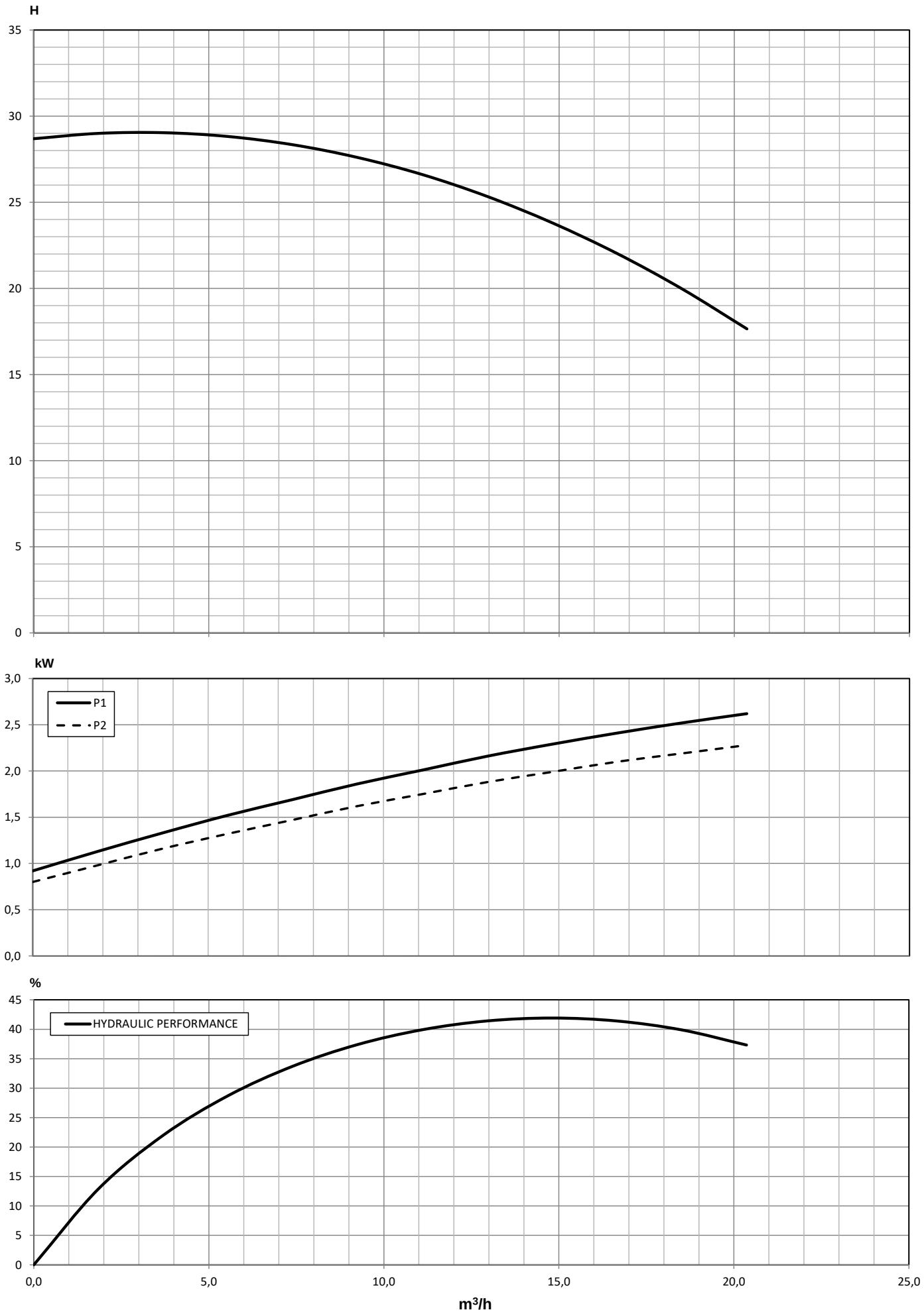
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	0,91 m	**Fluid Temp:**	21,8 ºC
Suction Size:	DN 65	**Drive Size:**	DN 32	**Ambient Temp:**	27,1 ºC

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	30,18	0,00	**28,69**	0,00	2.916	396	1,73	0,78	**921**
2	**1,85**	1,41	30,39	0,02	**29**	12,92	2.909	400	2,12	0,77	**1.130**
3	**3,70**	1,34	30,3	0,08	**29,04**	22,01	2.895	402	2,49	0,77	**1.328**
4	**5,55**	1,26	29,9	0,18	**28,82**	28,72	2.893	402	2,84	0,77	**1.516**
5	**7,40**	1,18	29,21	0,31	**28,34**	33,73	2.877	403	3,17	0,76	**1.692**
6	**9,25**	1,1	28,21	0,49	**27,6**	37,40	2.869	400	3,48	0,77	**1.857**
7	**11,11**	1,03	26,91	0,71	**26,6**	39,93	2.861	399	3,77	0,77	**2.012**
8	**12,96**	0,95	25,32	0,96	**25,33**	41,42	2.854	398	4,04	0,77	**2.155**
9	**14,81**	0,87	23,42	1,26	**23,8**	41,90	2.846	397	4,29	0,78	**2.288**
10	**16,66**	0,79	21,22	1,59	**22,02**	41,40	2.838	396	4,51	0,78	**2.409**
11	**18,51**	0,72	18,72	1,96	**19,97**	39,89	2.831	401	4,72	0,77	**2.519**
12	**20,36**	0,64	15,92	2,37	**17,65**	37,32	2.823	402	4,91	0,77	**2.619**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation