TEST REPORT

PUMP	VERT HF-2 408

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

NOMINAL DATA					
Qmax:	30 m3/h	**Hmax:**	31 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	7,1 A	**Freq:**	50 Hz

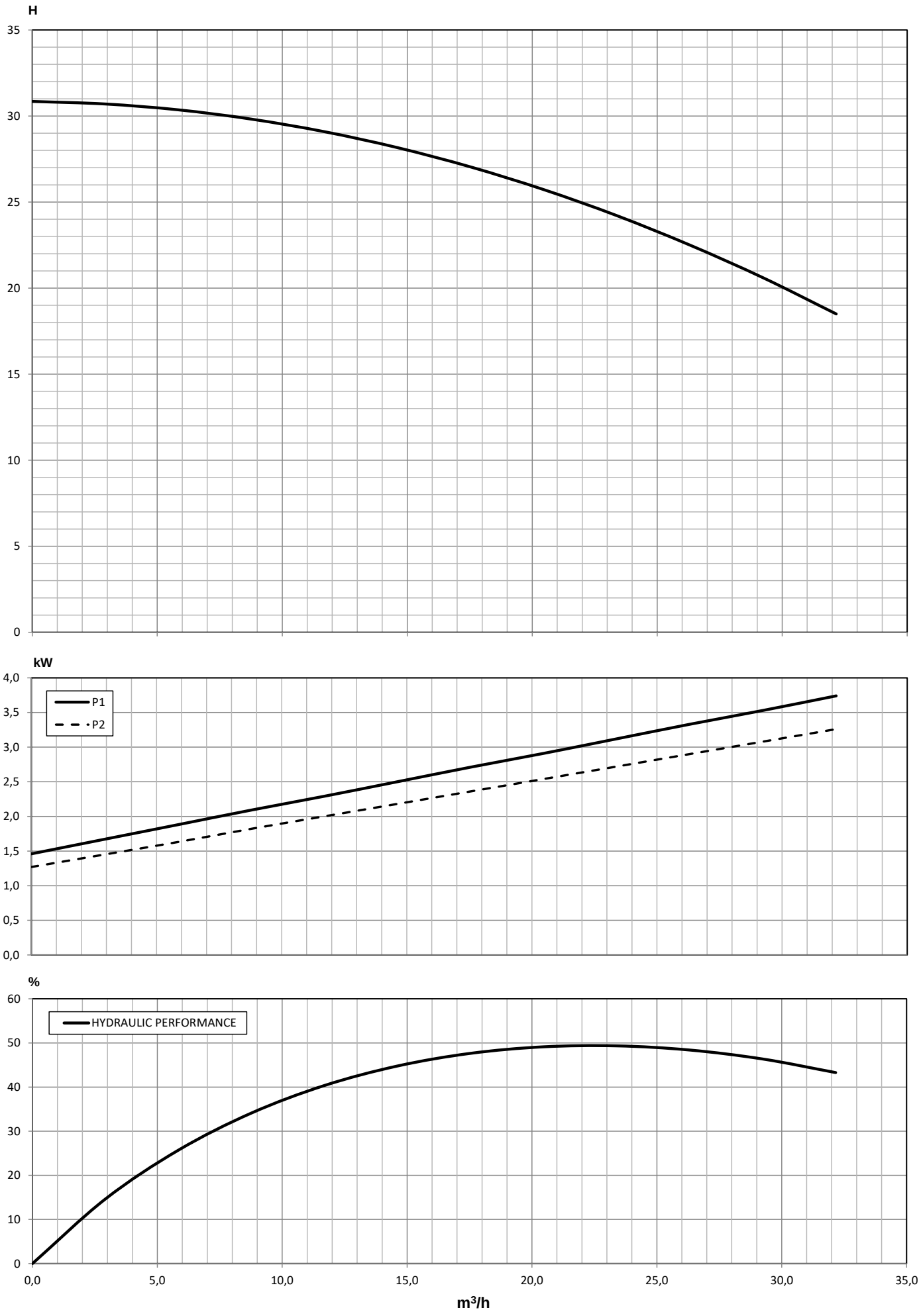
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	0,91 m	**Fluid Temp:**	21,2 ºC
Suction Size:	DN 65	**Drive Size:**	DN 32	**Ambient Temp:**	24,8 ºC

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	32,34	0,00	**30,85**	0,00	2.912	396	2,74	0,78	**1.460**
2	**2,92**	1,37	32,02	0,05	**30,7**	14,63	2.902	397	3,13	0,78	**1.669**
3	**5,85**	1,25	31,41	0,20	**30,36**	25,72	2.893	398	3,52	0,77	**1.877**
4	**8,77**	1,12	30,51	0,44	**29,82**	34,12	2.885	401	3,91	0,77	**2.085**
5	**11,69**	1	29,31	0,78	**29,09**	40,35	2.877	400	4,30	0,77	**2.293**
6	**14,62**	0,88	27,82	1,22	**28,16**	44,78	2.870	403	4,69	0,76	**2.500**
7	**17,54**	0,76	26,04	1,76	**27,04**	47,64	2.864	402	5,07	0,77	**2.708**
8	**20,47**	0,63	23,96	2,40	**25,72**	49,12	2.858	399	5,46	0,77	**2.915**
9	**23,39**	0,51	21,59	3,13	**24,21**	49,34	2.853	400	5,85	0,77	**3.121**
10	**26,31**	0,39	18,92	3,97	**22,5**	48,39	2.838	396	6,24	0,78	**3.327**
11	**29,24**	0,27	15,97	4,90	**20,6**	46,35	2.836	397	6,62	0,78	**3.534**
12	**32,16**	0,14	12,72	5,93	**18,5**	43,28	2.823	402	7,01	0,77	**3.739**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation