TEST REPORT

PUMP	VERT HF-2 1508

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

NOMINAL DATA					
Qmax:	140 m3/h	**Hmax:**	32 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	24,2 A	**Freq:**	50 Hz

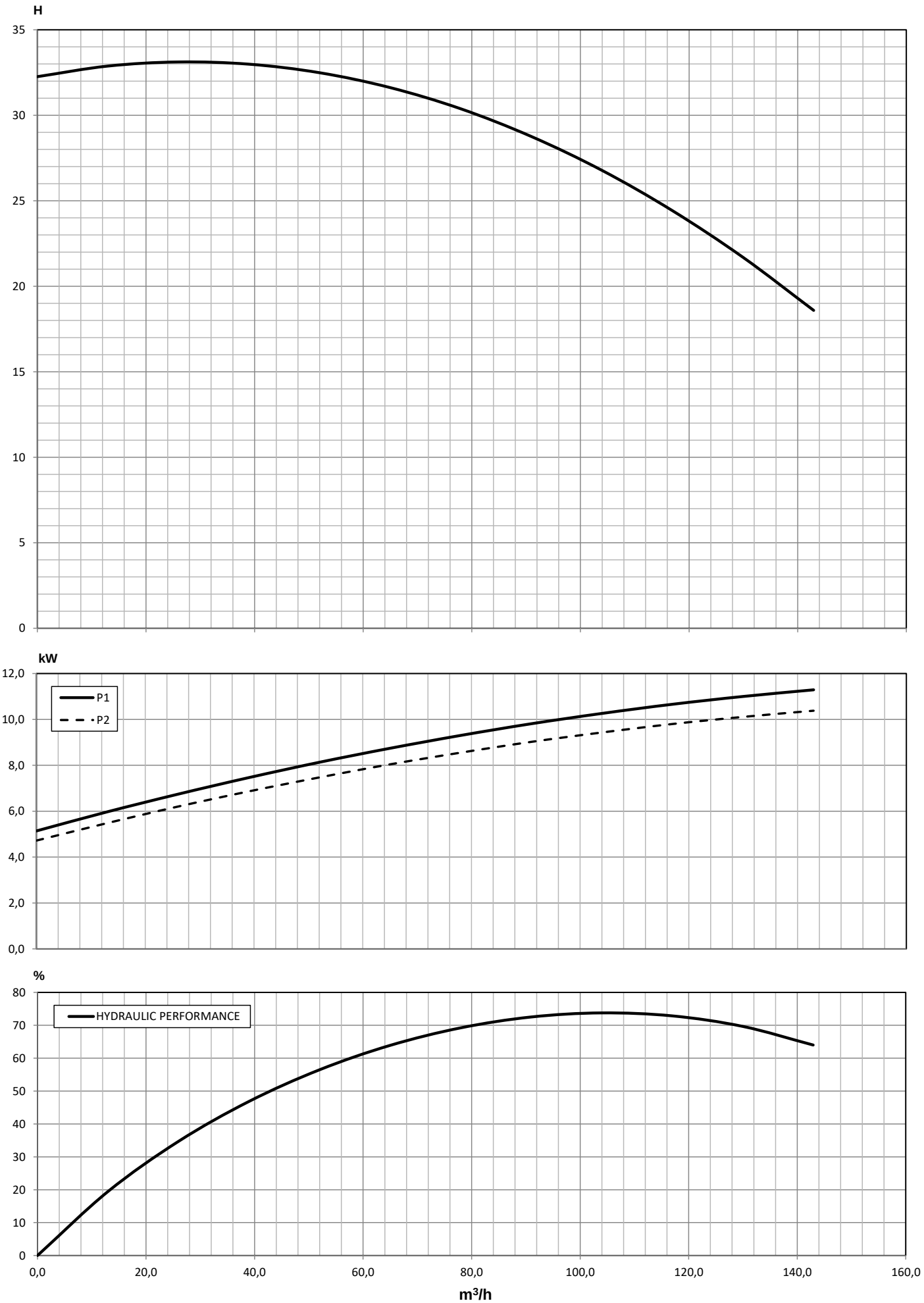
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	0,96 m	**Fluid Temp:**	21,7 ºC
Suction Size:	DN 80	**Drive Size:**	DN 65	**Ambient Temp:**	26,8 ºC

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	33,75	0,00	**32,26**	0,00	2.913	396	9,63	0,78	**5.137**
2	**12,99**	1,13	33,98	0,03	**32,88**	19,47	2.908	399	11,18	0,77	**5.967**
3	**25,99**	0,77	33,75	0,14	**33,12**	34,72	2.897	397	12,64	0,78	**6.742**
4	**38,98**	0,41	33,09	0,31	**32,99**	46,86	2.893	400	13,99	0,77	**7.464**
5	**51,98**	0,05	32,01	0,54	**32,49**	56,48	2.877	398	15,24	0,77	**8.131**
6	**64,97**	-0,3	30,47	0,85	**31,62**	63,89	2.875	399	16,39	0,77	**8.745**
7	**77,97**	-0,66	28,48	1,23	**30,38**	69,23	2.868	402	17,44	0,77	**9.304**
8	**90,96**	-1,02	26,07	1,67	**28,76**	72,53	2.859	401	18,38	0,77	**9.810**
9	**103,96**	-1,38	23,22	2,18	**26,78**	73,78	2.846	403	19,23	0,76	**10.261**
10	**116,95**	-1,74	19,92	2,76	**24,42**	72,87	2.838	402	19,97	0,77	**10.659**
11	**129,95**	-2,1	16,18	3,41	**21,69**	69,67	2.837	400	20,62	0,77	**11.002**
12	**142,94**	-2,46	12,01	4,12	**18,59**	64,01	2.822	402	21,16	0,77	**11.291**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation