TEST REPORT

PUMP	VERT HF-2 2008

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

NOMINAL DATA					
Qmax:	180 m3/h	**Hmax:**	31 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	32 A	**Freq:**	50 Hz

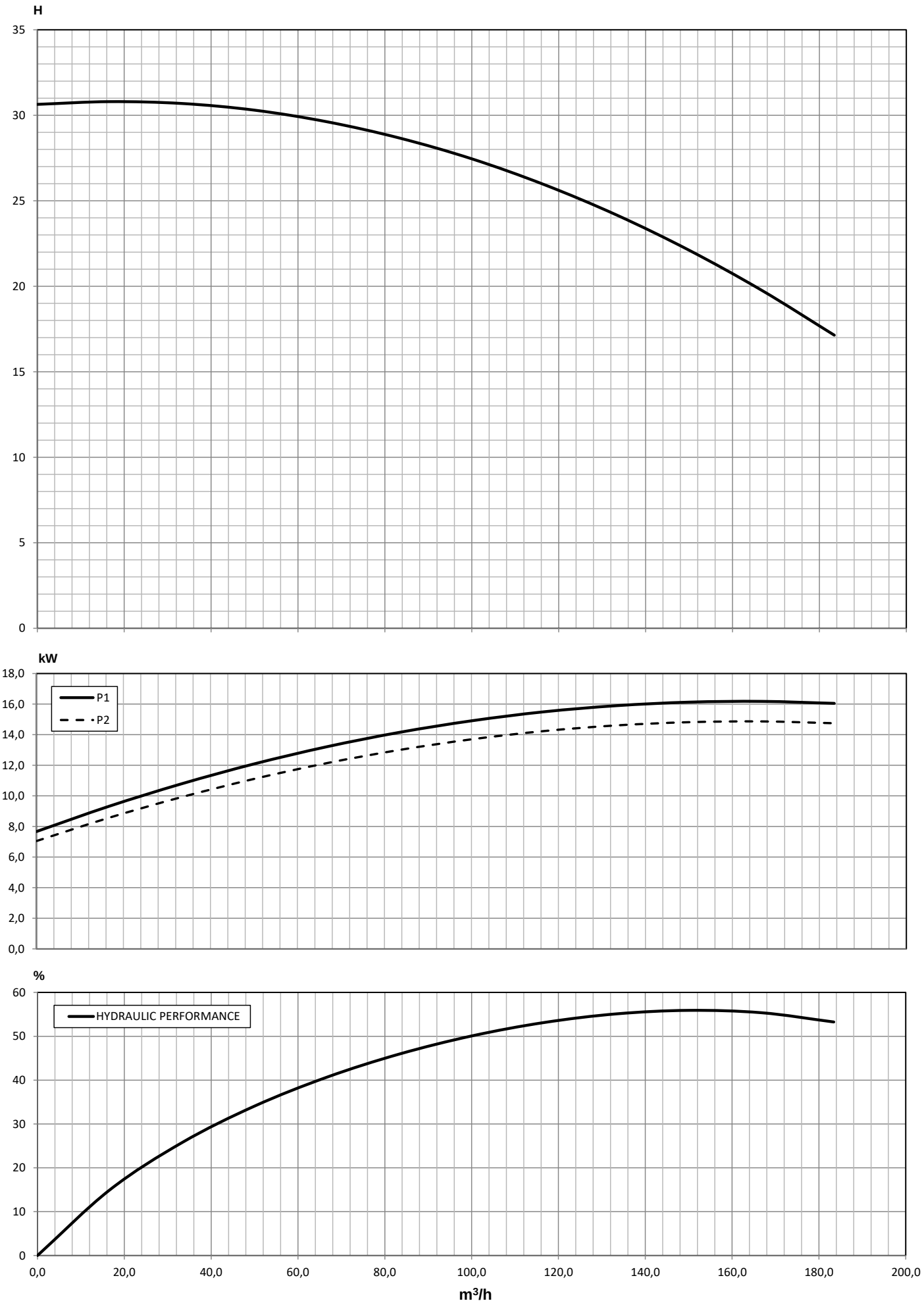
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,19 m	**Fluid Temp:**	19,3 ºC
Suction Size:	DN 100	**Drive Size:**	DN 80	**Ambient Temp:**	17 ºC

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	32,13	0,00	**30,64**	0,00	2.911	396	14,37	0,78	**7.669**
2	**16,67**	1,2	31,97	0,03	**30,8**	14,99	2.907	401	17,47	0,77	**9.321**
3	**33,35**	0,9	31,49	0,10	**30,69**	25,78	2.901	396	20,23	0,78	**10.795**
4	**50,02**	0,61	30,67	0,23	**30,3**	34,09	2.891	400	22,66	0,77	**12.091**
5	**66,70**	0,31	29,53	0,41	**29,62**	40,68	2.879	400	24,75	0,77	**13.209**
6	**83,37**	0,02	28,05	0,64	**28,67**	45,95	2.873	401	26,52	0,77	**14.149**
7	**100,05**	-0,28	26,25	0,92	**27,45**	50,08	2.865	403	27,95	0,76	**14.912**
8	**116,72**	-0,57	24,12	1,25	**25,94**	53,14	2.854	397	29,04	0,78	**15.496**
9	**133,40**	-0,87	21,65	1,64	**24,16**	55,11	2.849	397	29,80	0,78	**15.902**
10	**150,07**	-1,16	18,86	2,07	**22,1**	55,91	2.842	402	30,23	0,77	**16.130**
11	**166,75**	-1,46	15,74	2,56	**19,76**	55,37	2.833	402	30,32	0,77	**16.181**
12	**183,42**	-1,75	12,3	3,09	**17,14**	53,26	2.824	398	30,08	0,77	**16.053**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation