TEST REPORT

PUMP	VERT HF-2 2508

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

NOMINAL DATA					
Qmax:	250 m3/h	**Hmax:**	36 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	41,5 A	**Freq:**	50 Hz

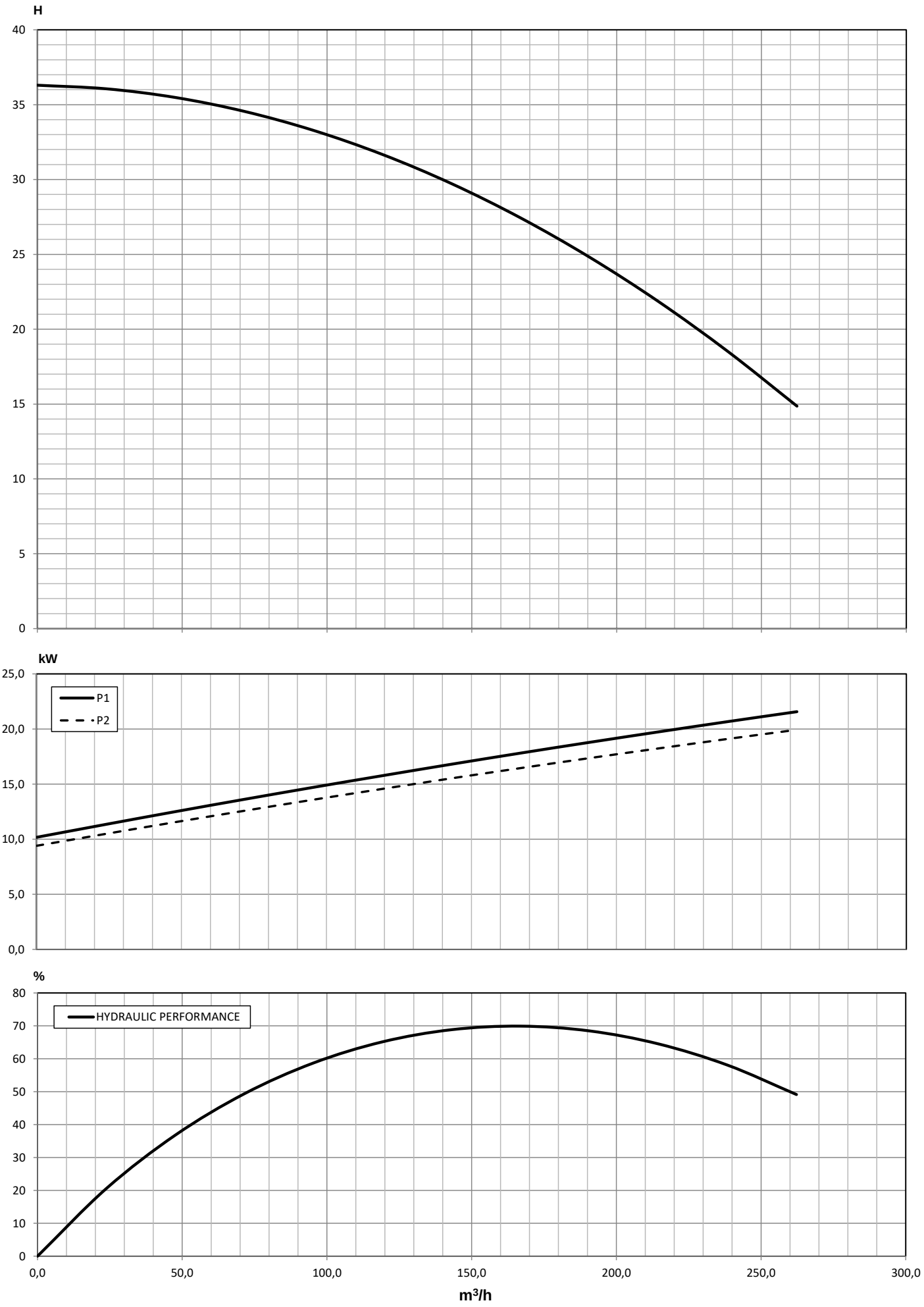
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,19 m	**Fluid Temp:**	21,8 ºC
Suction Size:	DN 100	**Drive Size:**	DN 80	**Ambient Temp:**	27,1 ºC

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	37,8	0,00	**36,3**	0,00	2.916	396	19,06	0,78	**10.172**
2	**23,84**	1,07	37,08	0,05	**36,06**	20,61	2.908	397	21,26	0,78	**11.344**
3	**47,68**	0,65	35,91	0,21	**35,48**	36,83	2.893	398	23,40	0,77	**12.489**
4	**71,52**	0,23	34,3	0,47	**34,55**	49,39	2.887	399	25,50	0,77	**13.607**
5	**95,36**	-0,2	32,25	0,84	**33,28**	58,73	2.881	401	27,54	0,77	**14.697**
6	**119,20**	-0,62	29,75	1,31	**31,67**	65,15	2.873	401	29,54	0,77	**15.761**
7	**143,05**	-1,04	26,8	1,88	**29,72**	68,84	2.868	402	31,48	0,77	**16.798**
8	**166,89**	-1,46	23,41	2,56	**27,43**	69,92	2.853	402	33,37	0,77	**17.807**
9	**190,73**	-1,88	19,57	3,35	**24,8**	68,46	2.851	403	35,21	0,76	**18.789**
10	**214,57**	-2,3	15,28	4,24	**21,83**	64,51	2.844	399	37,00	0,77	**19.744**
11	**238,41**	-2,72	10,56	5,23	**18,51**	58,07	2.835	401	38,74	0,77	**20.672**
12	**262,25**	-3,15	5,38	6,33	**14,86**	49,13	2.829	398	40,43	0,77	**21.573**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation