TEST REPORT

PUMP	VERT HF-2 1008

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

NOMINAL DATA					
Qmax:	115 m3/h	**Hmax:**	28 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	16,5 A	**Freq:**	50 Hz

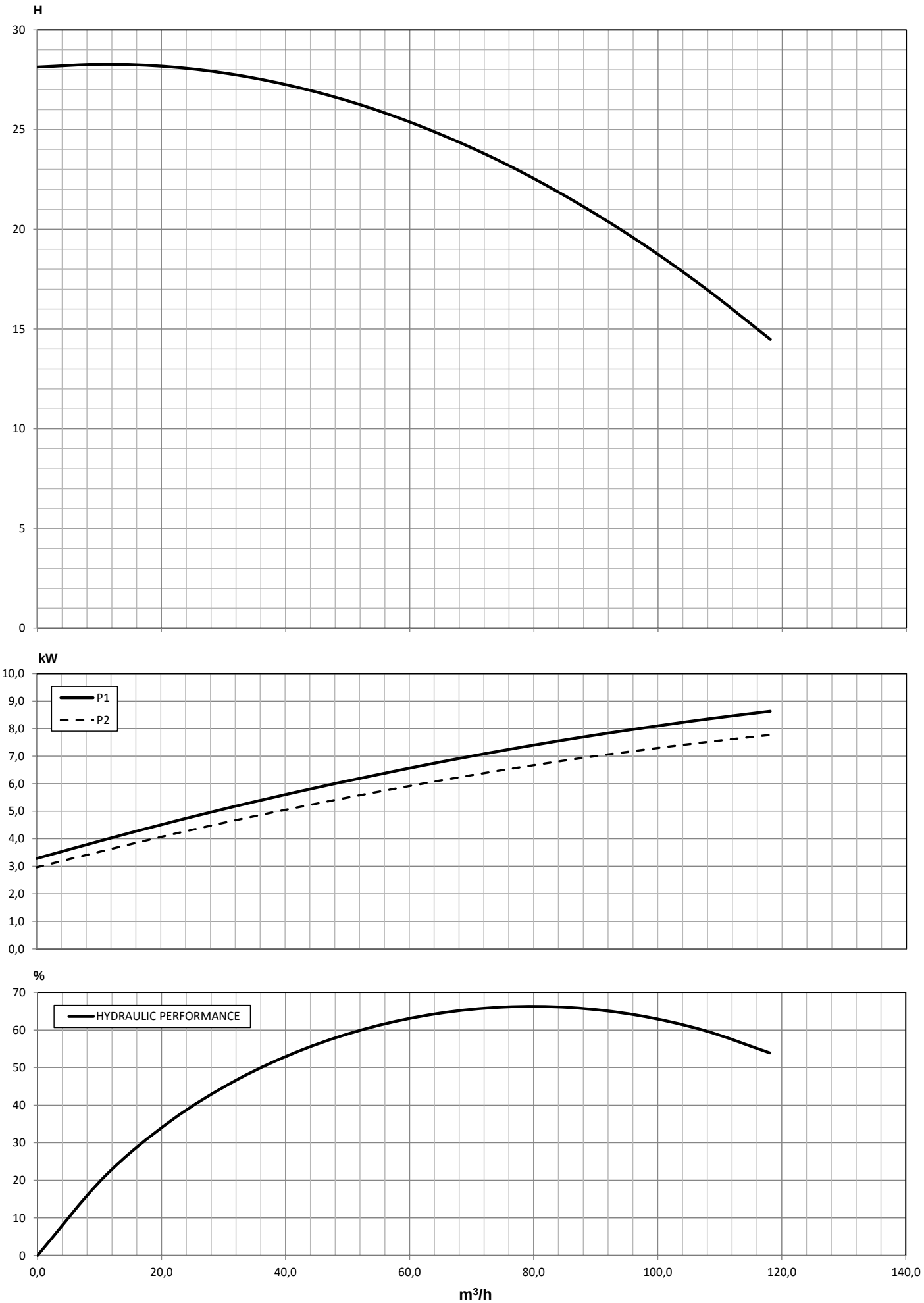
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,07 m	**Fluid Temp:**	21,8 ºC
Suction Size:	DN 65	**Drive Size:**	DN 50	**Ambient Temp:**	27,1 ºC

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	29,62	0,00	**28,13**	0,00	2.910	396	6,15	0,78	**3.280**
2	**10,74**	1,04	29,24	0,08	**28,27**	20,88	2.904	402	7,41	0,77	**3.954**
3	**21,47**	0,59	28,42	0,31	**28,14**	35,80	2.894	396	8,60	0,78	**4.591**
4	**32,21**	0,14	27,18	0,69	**27,73**	46,80	2.892	402	9,73	0,77	**5.190**
5	**42,95**	-0,31	25,51	1,22	**27,04**	54,91	2.877	400	10,78	0,77	**5.751**
6	**53,68**	-0,76	23,41	1,91	**26,08**	60,67	2.869	402	11,76	0,77	**6.275**
7	**64,42**	-1,21	20,88	2,75	**24,83**	64,35	2.868	400	12,67	0,77	**6.761**
8	**75,16**	-1,65	17,91	3,75	**23,32**	66,10	2.853	398	13,51	0,77	**7.210**
9	**85,89**	-2,1	14,52	4,90	**21,52**	65,97	2.846	400	14,28	0,77	**7.620**
10	**96,63**	-2,55	10,7	6,20	**19,45**	63,94	2.843	398	14,98	0,77	**7.994**
11	**107,37**	-3	6,45	7,65	**17,1**	59,95	2.834	399	15,61	0,77	**8.329**
12	**118,10**	-3,45	1,76	9,26	**14,48**	53,90	2.827	398	16,17	0,77	**8.627**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation