TEST REPORT

PUMP	VERT HF-2 758

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

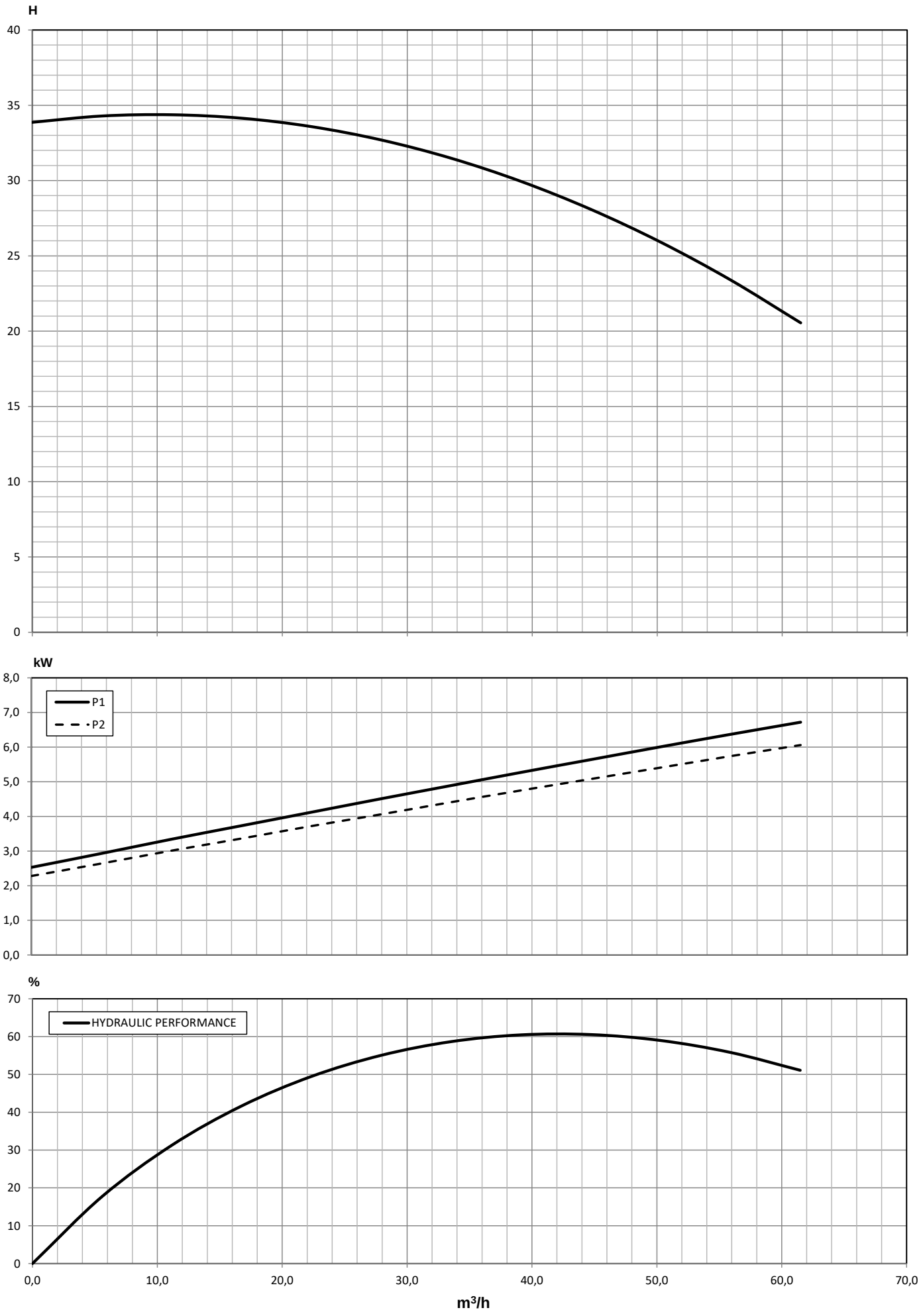
NOMINAL DATA					
Qmax:	58 m3/h	**Hmax:**	34 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	14,2 A	**Freq:**	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	0,98 m	**Fluid Temp:**	21,8 ºC
Suction Size:	DN 65	**Drive Size:**	DN 40	**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	35,36	0,00	**33,87**	0,00	2.914	396	4,74	0,78	**2.527**
2	**5,59**	1,26	35,47	0,07	**34,29**	17,76	2.907	402	5,50	0,77	**2.934**
3	**11,18**	1,02	35,13	0,27	**34,37**	31,33	2.895	401	6,25	0,77	**3.336**
4	**16,77**	0,79	34,33	0,60	**34,14**	41,70	2.887	396	7,00	0,78	**3.733**
5	**22,36**	0,56	33,06	1,07	**33,58**	49,50	2.882	402	7,73	0,77	**4.124**
6	**27,95**	0,32	31,34	1,67	**32,69**	55,07	2.872	401	8,45	0,77	**4.511**
7	**33,53**	0,09	29,17	2,40	**31,48**	58,68	2.867	396	9,17	0,78	**4.893**
8	**39,12**	-0,15	26,53	3,27	**29,94**	60,46	2.855	398	9,87	0,77	**5.269**
9	**44,71**	-0,38	23,43	4,27	**28,08**	60,54	2.847	403	10,57	0,76	**5.640**
10	**50,30**	-0,61	19,88	5,40	**25,9**	58,98	2.844	400	11,26	0,77	**6.007**
11	**55,89**	-0,85	15,87	6,67	**23,39**	55,82	2.836	398	11,93	0,77	**6.368**
12	**61,48**	-1,08	11,4	8,07	**20,55**	51,10	2.825	403	12,60	0,76	**6.724**

TEST REPORT



Curves according ISO 9906 Annex A regulation