TEST REPORT

PUMP	VERT HF-2 558

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

NOMINAL DATA					
Qmax:	36 m3/h	**Hmax:**	36 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	9,4 A	**Freq:**	50 Hz

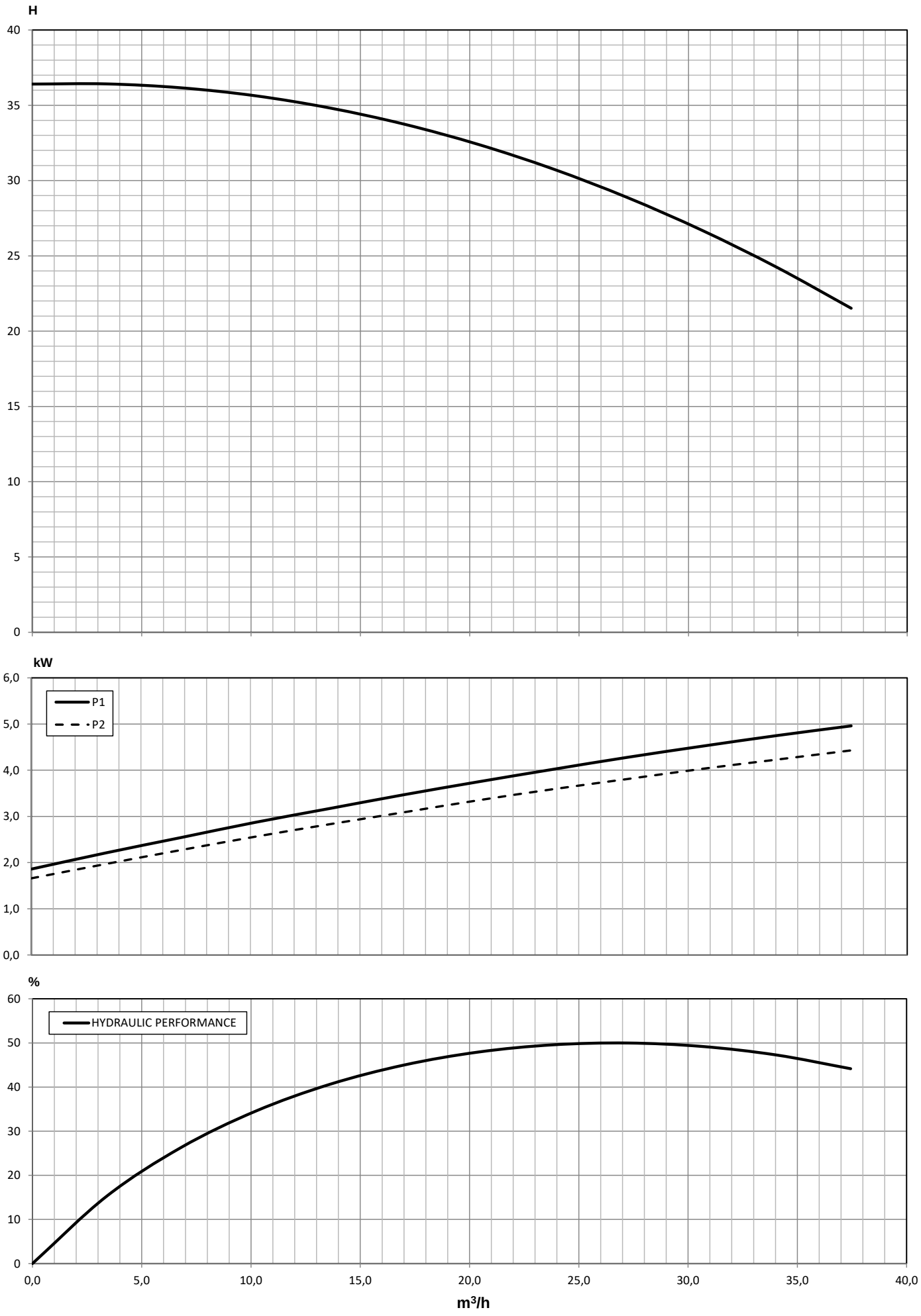
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	0,91 m	**Fluid Temp:**	21,2 ºC
Suction Size:	DN 65	**Drive Size:**	DN 32	**Ambient Temp:**	24,8 ºC

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	37,9	0,00	**36,41**	0,00	2.917	396	3,48	0,78	**1.858**
2	**3,40**	1,35	37,7	0,07	**36,42**	15,28	2.907	398	4,14	0,77	**2.207**
3	**6,81**	1,21	37,1	0,27	**36,16**	26,33	2.893	400	4,77	0,77	**2.543**
4	**10,21**	1,06	36,09	0,60	**35,63**	34,53	2.893	402	5,37	0,77	**2.865**
5	**13,61**	0,92	34,68	1,06	**34,82**	40,62	2.884	401	5,95	0,77	**3.174**
6	**17,02**	0,78	32,86	1,66	**33,74**	45,01	2.874	403	6,50	0,76	**3.470**
7	**20,42**	0,64	30,64	2,39	**32,39**	47,94	2.864	402	7,03	0,77	**3.752**
8	**23,83**	0,49	28,01	3,25	**30,76**	49,57	2.853	396	7,54	0,78	**4.021**
9	**27,23**	0,35	24,96	4,25	**28,86**	49,98	2.850	398	8,01	0,77	**4.276**
10	**30,63**	0,21	21,52	5,38	**26,69**	49,21	2.838	400	8,47	0,77	**4.518**
11	**34,04**	0,07	17,67	6,64	**24,24**	47,27	2.836	397	8,90	0,78	**4.747**
12	**37,44**	-0,08	13,41	8,03	**21,52**	44,15	2.822	403	9,30	0,76	**4.963**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation