TEST REPORT

PUMP	VERT HF-2 1208

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

NOMINAL DATA					
Qmax:	90 m3/h	**Hmax:**	32 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	16,5 A	**Freq:**	50 Hz

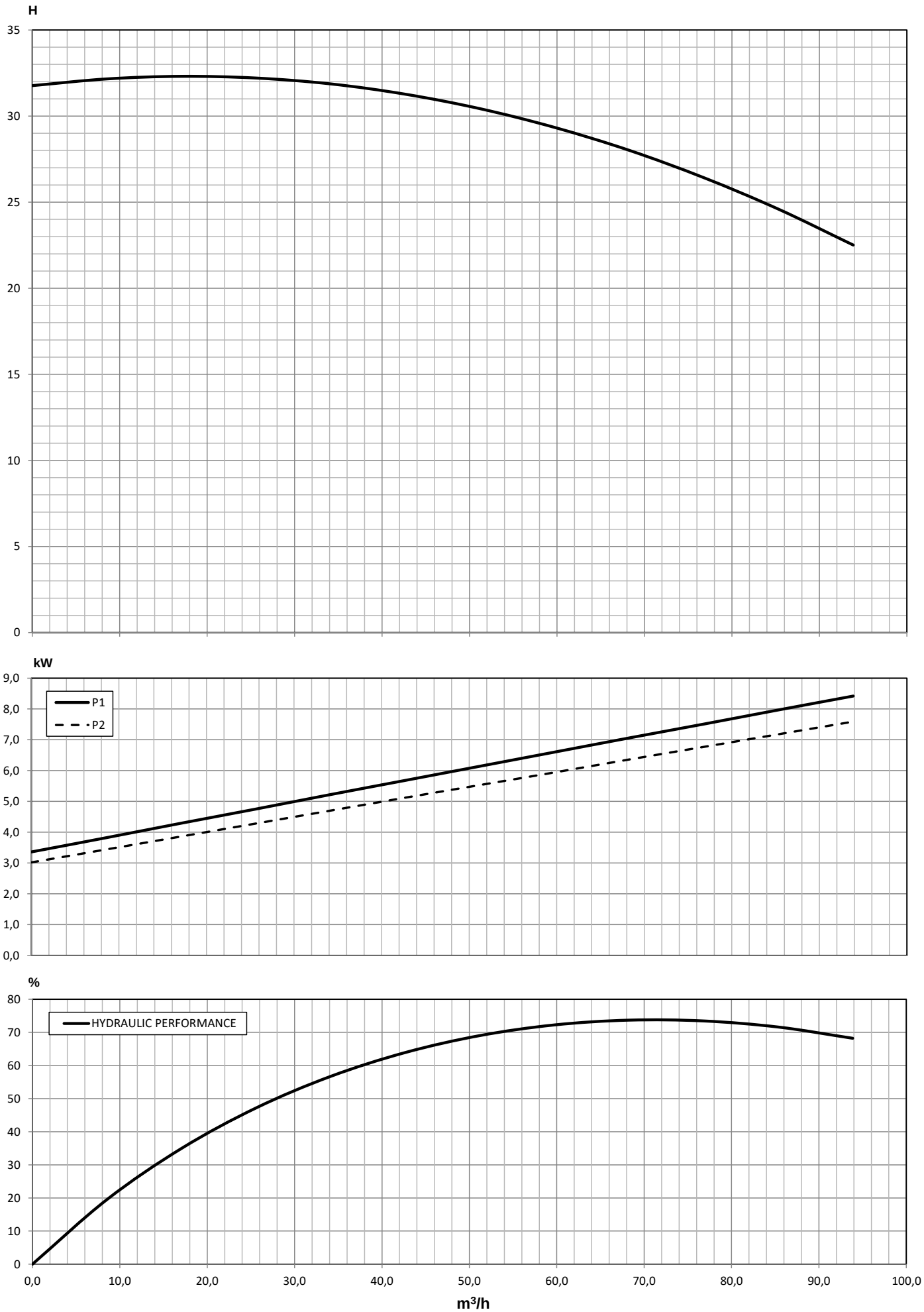
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,07 m	**Fluid Temp:**	21,7 ºC
Suction Size:	DN 65	**Drive Size:**	DN 50	**Ambient Temp:**	26,8 ºC

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	33,26	0,00	**31,77**	0,00	2.914	396	6,29	0,78	**3.356**
2	**8,53**	1,13	33,25	0,05	**32,16**	19,53	2.905	399	7,16	0,77	**3.822**
3	**17,07**	0,78	32,9	0,19	**32,31**	34,98	2.901	403	8,04	0,76	**4.288**
4	**25,60**	0,42	32,2	0,43	**32,21**	47,20	2.886	401	8,91	0,77	**4.752**
5	**34,13**	0,06	31,16	0,77	**31,87**	56,72	2.882	402	9,77	0,77	**5.215**
6	**42,67**	-0,29	29,77	1,21	**31,27**	63,92	2.875	396	10,64	0,78	**5.677**
7	**51,20**	-0,65	28,04	1,74	**30,43**	69,04	2.864	398	11,50	0,77	**6.138**
8	**59,74**	-1,01	25,96	2,37	**29,34**	72,25	2.858	400	12,36	0,77	**6.597**
9	**68,27**	-1,37	23,55	3,09	**28,01**	73,70	2.849	397	13,22	0,78	**7.056**
10	**76,80**	-1,72	20,79	3,91	**26,42**	73,46	2.845	401	14,08	0,77	**7.513**
11	**85,34**	-2,08	17,68	4,83	**24,59**	71,62	2.837	403	14,93	0,76	**7.969**
12	**93,87**	-2,44	14,22	5,85	**22,51**	68,22	2.823	402	15,79	0,77	**8.424**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation