TEST REPORT

PUMP	VERT CF-2 300

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

NOMINAL DATA					
Qmax:	61 m3/h	**Hmax:**	18 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	5,2 A	**Freq:**	50 Hz

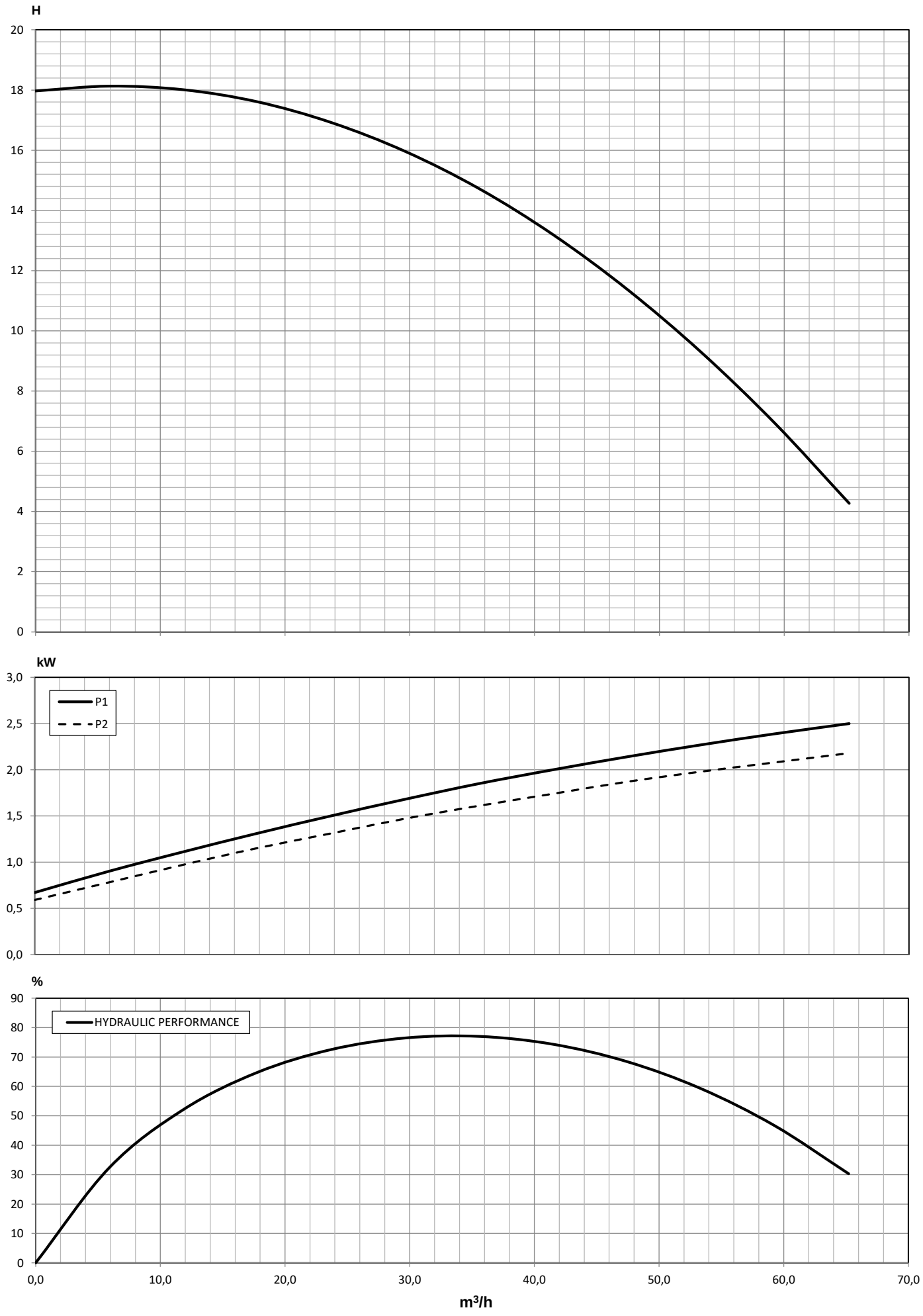
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	21,2 ºC
Suction Size:	DN 80	**Drive Size:**	DN 80	**Ambient Temp:**	24,8 ºC

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	19,46	0,00	**17,97**	0,00	2.914	396	1,26	0,78	**675**
2	**5,93**	1,33	19,46	0,00	**18,13**	32,48	2.906	399	1,69	0,77	**900**
3	**11,86**	1,16	19,17	0,00	**18,01**	52,16	2.899	402	2,09	0,77	**1.113**
4	**17,78**	1	18,61	0,00	**17,61**	64,77	2.885	400	2,46	0,77	**1.315**
5	**23,71**	0,84	17,76	0,00	**16,92**	72,55	2.882	402	2,82	0,77	**1.504**
6	**29,64**	0,67	16,63	0,00	**15,96**	76,48	2.871	397	3,15	0,78	**1.682**
7	**35,57**	0,51	15,22	0,00	**14,72**	77,02	2.862	400	3,46	0,77	**1.848**
8	**41,50**	0,34	13,53	0,00	**13,19**	74,34	2.855	402	3,75	0,77	**2.002**
9	**47,42**	0,18	11,56	0,00	**11,38**	68,45	2.850	403	4,02	0,76	**2.144**
10	**53,35**	0,02	9,31	0,00	**9,29**	59,28	2.837	401	4,26	0,77	**2.275**
11	**59,28**	-0,15	6,78	0,00	**6,92**	46,64	2.837	398	4,49	0,77	**2.393**
12	**65,21**	-0,31	3,96	0,00	**4,27**	30,31	2.827	400	4,68	0,77	**2.500**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation