TEST REPORT

PUMP	VERT CF-2 550

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

NOMINAL DATA					
Qmax:	95 m3/h	**Hmax:**	20 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	9,5 A	**Freq:**	50 Hz

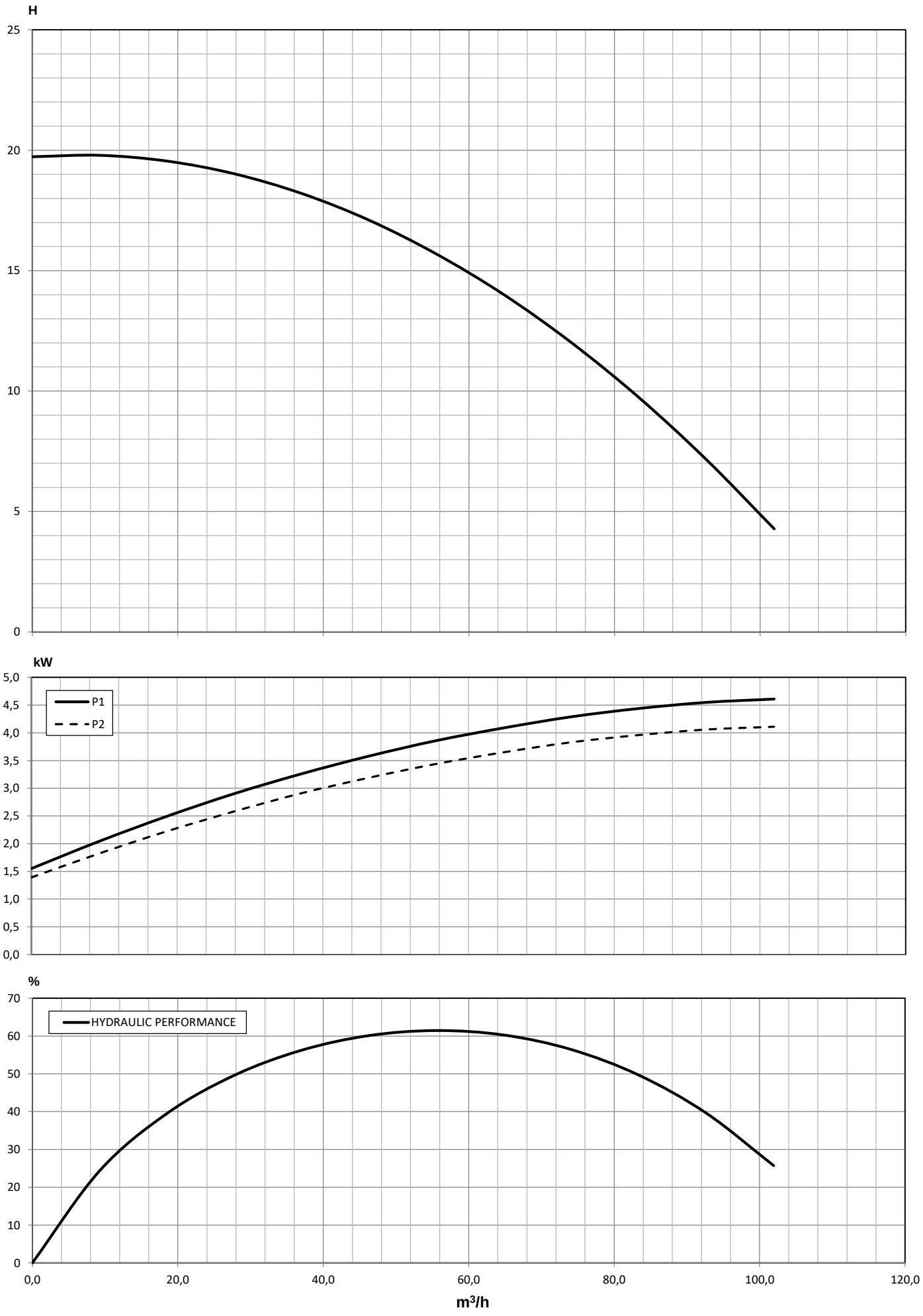
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	20,4 ºC
Suction Size:	DN 125	**Drive Size:**	DN 100	**Ambient Temp:**	21,5 ºC

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	21,22	0,00	**19,73**	0,00	2.910	396	2,91	0,78	**1.553**
2	**9,27**	1,39	21,17	0,00	**19,79**	24,40	2.907	396	3,83	0,78	**2.043**
3	**18,53**	1,28	20,82	0,01	**19,55**	39,55	2.894	403	4,67	0,76	**2.492**
4	**27,80**	1,18	20,17	0,03	**19,02**	49,64	2.891	403	5,43	0,76	**2.897**
5	**37,07**	1,07	19,22	0,05	**18,2**	56,28	2.878	397	6,11	0,78	**3.260**
6	**46,33**	0,97	17,97	0,08	**17,09**	60,13	2.875	397	6,71	0,78	**3.581**
7	**55,60**	0,86	16,42	0,12	**15,68**	61,45	2.862	402	7,23	0,77	**3.859**
8	**64,87**	0,76	14,58	0,16	**13,99**	60,25	2.860	402	7,67	0,77	**4.095**
9	**74,13**	0,65	12,44	0,21	**12**	56,41	2.848	398	8,04	0,77	**4.288**
10	**83,40**	0,55	10	0,26	**9,72**	49,65	2.836	398	8,32	0,77	**4.439**
11	**92,67**	0,44	7,27	0,32	**7,14**	39,60	2.836	402	8,52	0,77	**4.547**
12	**101,94**	0,34	4,23	0,39	**4,28**	25,72	2.824	402	8,65	0,77	**4.613**

Curves according ISO 9906 Annex A regulation

TEST REPORT



Curves according ISO 9906 Annex A regulation