TEST REPORT

PUMP	VERT CF-2 400

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

NOMINAL DATA					
Qmax:	70 m3/h	**Hmax:**	20 m	**Speed:**	2900 rpm
Voltage:	400 V	**Current:**	6,9 A	**Freq:**	50 Hz

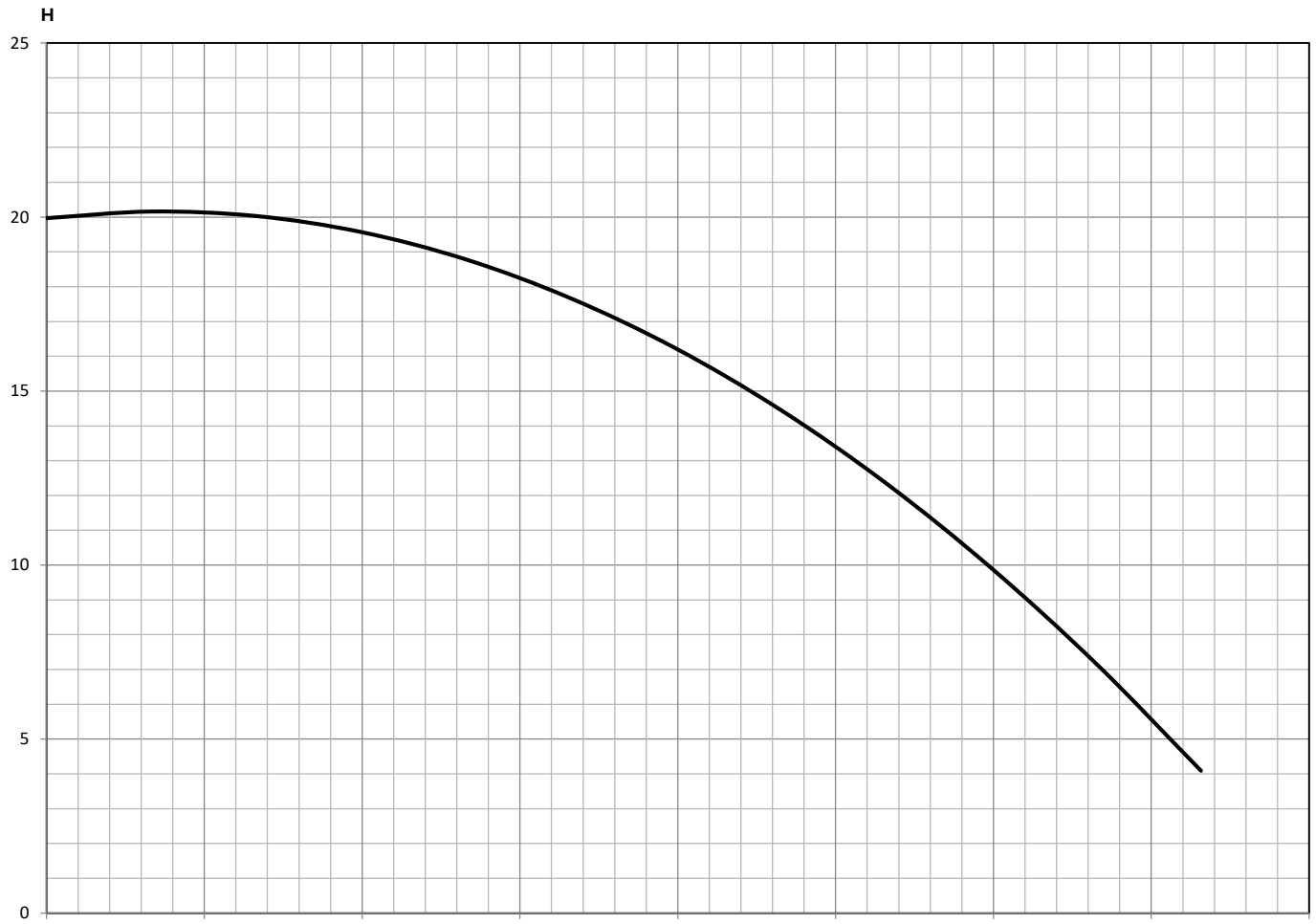
TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	**In/Out Diff:**	1,06 m	**Fluid Temp:**	19,3 ºC
Suction Size:	DN 80	**Drive Size:**	DN 80	**Ambient Temp:**	17 ºC

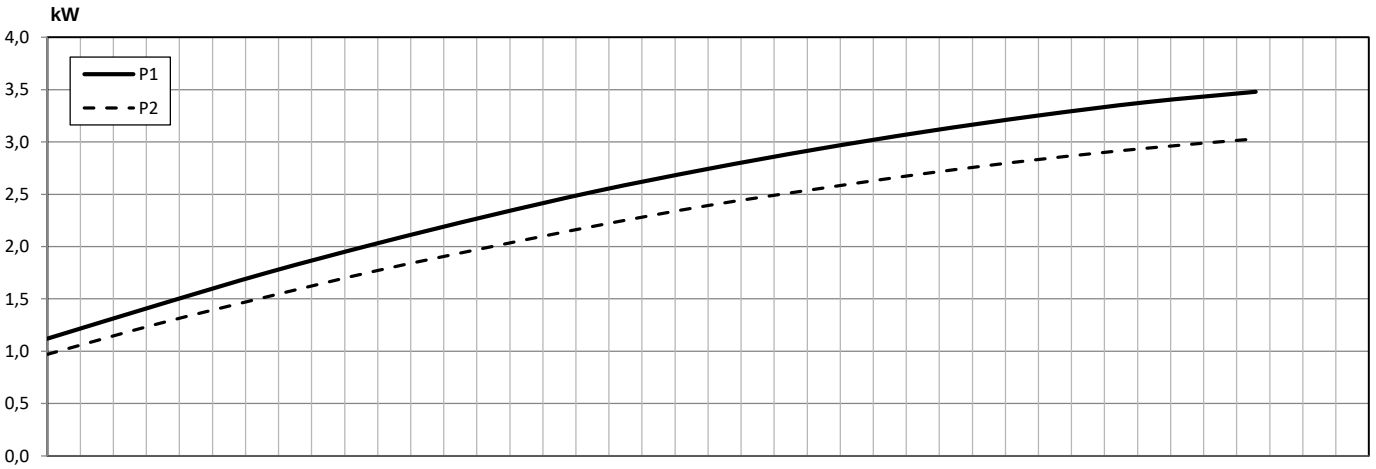
PUMP PERFORMANCE TESTING REPORT

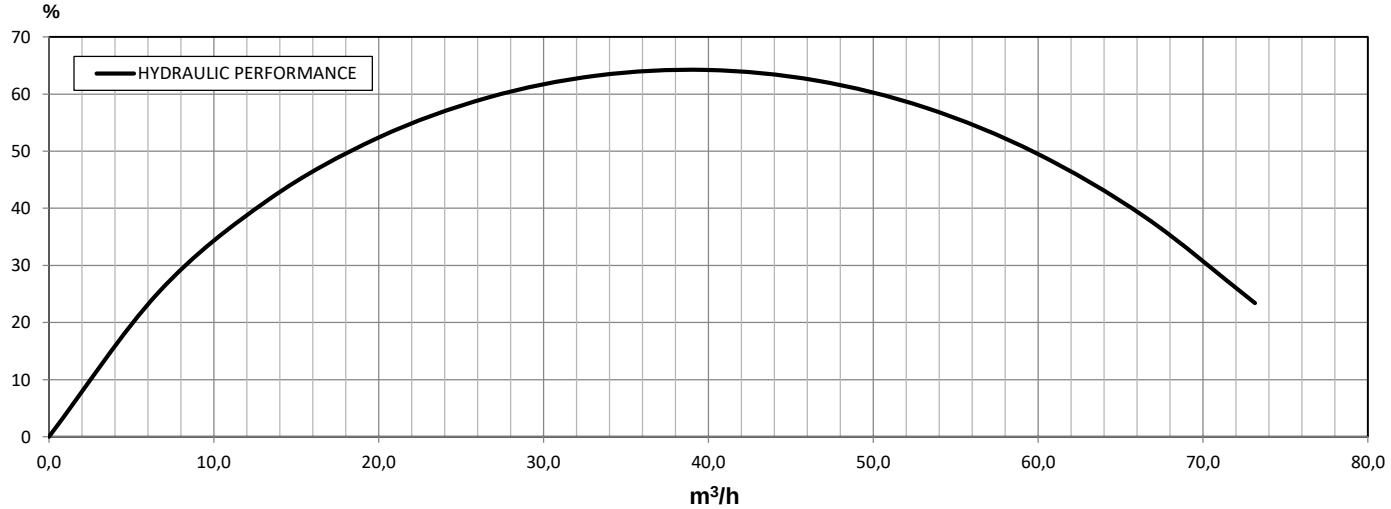
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m3/h)	**In Head (m)**	**Out Head (m)**	**Kinetic (m)**	**Head (m)**	**Efficiency (%)**	**Speed (rpm)**	**Voltage (V)**	**Amp (A)**	**Power Factor**	**Power IN (W)**
1	**0,00**	1,49	21,46	0,00	**19,97**	0,00	2.914	396	2,09	0,78	**1.116**
2	**6,65**	1,31	21,47	0,00	**20,16**	25,28	2.907	400	2,70	0,77	**1.442**
3	**13,30**	1,12	21,15	0,00	**20,03**	41,47	2.897	401	3,27	0,77	**1.747**
4	**19,95**	0,94	20,51	0,00	**19,57**	52,33	2.885	402	3,80	0,77	**2.029**
5	**26,60**	0,76	19,53	0,00	**18,78**	59,36	2.879	402	4,29	0,77	**2.288**
6	**33,25**	0,57	18,23	0,00	**17,66**	63,24	2.871	397	4,73	0,78	**2.525**
7	**39,90**	0,39	16,61	0,00	**16,22**	64,22	2.861	396	5,14	0,78	**2.740**
8	**46,55**	0,2	14,65	0,00	**14,45**	62,37	2.857	401	5,50	0,77	**2.933**
9	**53,20**	0,02	12,37	0,00	**12,35**	57,59	2.851	401	5,81	0,77	**3.103**
10	**59,85**	-0,16	9,76	0,00	**9,92**	49,70	2.842	402	6,09	0,77	**3.250**
11	**66,50**	-0,35	6,83	0,00	**7,17**	38,43	2.832	398	6,33	0,77	**3.375**
12	**73,15**	-0,53	3,56	0,00	**4,09**	23,41	2.827	399	6,52	0,77	**3.478**

Curves according ISO 9906 Annex A regulation

TEST REPORT







Curves according ISO 9906 Annex A regulation