

PUMP	CF-2 551
-------------	-----------------

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

NOMINAL DATA					
Qmax:	128 m3/h	Hmax:	17 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:	21,9 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	27,6 °C

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	18,16	0,00	16,66	0,00	2.914	396	2,91	0,78	1.553
2	11,99	1,36	18,02	0,01	16,68	24,94	2.902	402	4,08	0,77	2.179
3	23,97	1,22	17,69	0,02	16,49	39,30	2.901	401	5,12	0,77	2.735
4	35,96	1,08	17,13	0,05	16,1	48,90	2.887	403	6,03	0,76	3.219
5	47,94	0,95	16,36	0,09	15,51	55,66	2.882	398	6,81	0,77	3.632
6	59,93	0,81	15,39	0,14	14,71	60,33	2.877	400	7,45	0,77	3.975
7	71,91	0,68	14,21	0,19	13,72	63,20	2.861	403	7,96	0,76	4.246
8	83,90	0,54	12,8	0,27	12,53	64,28	2.860	402	8,33	0,77	4.446
9	95,88	0,41	11,19	0,35	11,13	63,44	2.853	400	8,57	0,77	4.575
10	107,87	0,27	9,36	0,44	9,53	60,36	2.842	397	8,68	0,78	4.633
11	119,85	0,13	7,33	0,54	7,74	54,57	2.832	399	8,66	0,77	4.620
12	131,84	0	5,08	0,65	5,74	45,34	2.829	400	8,50	0,77	4.536

