

PUMP	CF-2 550
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DATE	Periodic re-testing is carried out annually in January to verify continued compliance
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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 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	21,5 °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	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

