

PUMP	CF-4 550
-------------	-----------------

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

NOMINAL DATA					
Qmax:	80 m3/h	Hmax:	17 m	Speed:	1450 rpm
Voltage:	400 V	Current:	9,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,96 m	Fluid Temp:	21,7 °C
Suction Size:	DN 80	Drive Size:	DN 65	Ambient Temp:	26,8 °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	18,87	0,00	17,38	0,00	1.461	396	2,65	0,78	1.414
2	7,57	1,28	18,76	0,01	17,49	21,67	1.456	403	3,11	0,76	1.662
3	15,14	1,07	18,51	0,05	17,49	37,73	1.447	397	3,58	0,78	1.909
4	22,71	0,86	18,13	0,10	17,37	49,78	1.445	402	4,04	0,77	2.155
5	30,28	0,65	17,61	0,18	17,14	58,78	1.439	398	4,50	0,77	2.401
6	37,85	0,45	16,94	0,29	16,79	65,32	1.438	398	4,96	0,77	2.646
7	45,43	0,24	16,14	0,42	16,32	69,78	1.434	402	5,42	0,77	2.890
8	53,00	0,03	15,2	0,57	15,75	72,42	1.428	399	5,87	0,77	3.134
9	60,57	-0,18	14,13	0,74	15,05	73,43	1.425	403	6,33	0,76	3.376
10	68,14	-0,39	12,91	0,94	14,25	72,95	1.419	396	6,78	0,78	3.619
11	75,71	-0,6	11,56	1,16	13,32	71,06	1.420	402	7,23	0,77	3.860
12	83,28	-0,81	10,08	1,40	12,29	67,86	1.418	400	7,69	0,77	4.101

