

PUMP	CF-4 1000
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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:	220 m3/h	Hmax:	15 m	Speed:	1450 rpm
Voltage:	400 V	Current:	15,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,06 m	Fluid Temp:	19,3 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	17 °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	16,97	0,00	15,48	0,00	1.461	396	6,41	0,78	3.421
2	20,46	1,26	16,93	0,02	15,69	21,96	1.453	402	7,45	0,77	3.975
3	40,92	1,03	16,7	0,06	15,73	38,89	1.453	399	8,44	0,77	4.501
4	61,38	0,8	16,26	0,14	15,61	52,09	1.448	403	9,37	0,76	5.001
5	81,84	0,56	15,63	0,25	15,31	62,28	1.441	402	10,26	0,77	5.473
6	102,30	0,33	14,8	0,39	14,86	69,84	1.442	399	11,09	0,77	5.918
7	122,76	0,1	13,76	0,57	14,23	74,98	1.436	400	11,87	0,77	6.336
8	143,22	-0,13	12,54	0,77	13,43	77,80	1.430	399	12,60	0,77	6.726
9	163,68	-0,36	11,1	1,01	12,47	78,32	1.423	402	13,29	0,77	7.089
10	184,14	-0,59	9,47	1,28	11,35	76,52	1.425	396	13,92	0,78	7.425
11	204,60	-0,82	7,64	1,58	10,05	72,30	1.418	401	14,49	0,77	7.734
12	225,06	-1,06	5,62	1,91	8,59	65,56	1.412	402	15,02	0,77	8.015

