

PUMP	CF-4 1500
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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:	200 m3/h	Hmax:	21 m	Speed:	1450 rpm
Voltage:	400 V	Current:	21,8 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	22,18	0,00	20,69	0,00	1.462	396	8,04	0,78	4.290
2	19,07	1,28	22,44	0,01	21,18	20,46	1.454	403	10,06	0,76	5.368
3	38,15	1,06	22,46	0,05	21,45	34,83	1.452	402	11,97	0,77	6.388
4	57,22	0,84	22,22	0,12	21,5	45,52	1.444	402	13,77	0,77	7.350
5	76,29	0,63	21,74	0,22	21,33	53,62	1.442	399	15,47	0,77	8.254
6	95,36	0,41	21,02	0,34	20,95	59,70	1.436	400	17,05	0,77	9.099
7	114,44	0,2	20,05	0,49	20,34	64,04	1.435	401	18,53	0,77	9.887
8	133,51	-0,02	18,83	0,67	19,52	66,77	1.429	401	19,90	0,77	10.616
9	152,58	-0,24	17,37	0,88	18,48	67,94	1.429	402	21,15	0,77	11.288
10	171,65	-0,45	15,66	1,11	17,22	67,56	1.424	398	22,30	0,77	11.901
11	190,73	-0,67	13,71	1,37	15,75	65,58	1.415	397	23,34	0,78	12.456
12	209,80	-0,88	11,51	1,66	14,05	61,90	1.411	403	24,28	0,76	12.953

