

PUMP	CF-2 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:	23 m	Speed:	2900 rpm
Voltage:	400 V	Current:	23 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,06 m	Fluid Temp:	21,7 °C
Suction Size:	DN 125	Drive Size:	DN 100	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	24,33	0,00	22,84	0,00	2.911	396	7,60	0,78	4.054
2	19,47	1,27	24,84	0,01	23,58	24,45	2.904	397	9,57	0,78	5.107
3	38,95	1,05	24,85	0,06	23,86	41,44	2.897	398	11,43	0,77	6.098
4	58,42	0,83	24,39	0,13	23,69	53,55	2.893	399	13,17	0,77	7.030
5	77,89	0,61	23,45	0,23	23,07	61,85	2.881	400	14,81	0,77	7.900
6	97,36	0,39	22,02	0,36	21,99	66,85	2.870	396	16,32	0,78	8.710
7	116,84	0,17	20,11	0,51	20,45	68,71	2.861	397	17,73	0,78	9.459
8	136,31	-0,05	17,71	0,70	18,46	67,45	2.853	398	19,02	0,77	10.147
9	155,78	-0,27	14,84	0,91	16,02	62,98	2.848	397	20,19	0,78	10.775
10	175,25	-0,49	11,47	1,16	13,12	55,13	2.843	396	21,26	0,78	11.342
11	194,73	-0,71	7,62	1,43	9,76	43,64	2.831	400	22,20	0,77	11.849
12	214,20	-0,93	3,29	1,73	5,95	28,21	2.830	399	23,04	0,77	12.294

