

PUMP	CF-2 1250
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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:	195 m3/h	Hmax:	22 m	Speed:	2900 rpm
Voltage:	400 V	Current:	19 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,06 m	Fluid Temp:	21,8 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	27,1 °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	23,39	0,00	21,9	0,00	2.917	396	6,34	0,78	3.381
2	18,21	1,28	23,56	0,01	22,29	26,19	2.906	403	7,90	0,76	4.213
3	36,41	1,08	23,3	0,05	22,27	44,10	2.895	403	9,37	0,76	5.002
4	54,62	0,87	22,62	0,11	21,86	56,50	2.886	397	10,77	0,78	5.748
5	72,82	0,67	21,52	0,20	21,05	64,63	2.878	397	12,09	0,78	6.451
6	91,03	0,46	19,99	0,31	19,84	69,08	2.877	402	13,33	0,77	7.111
7	109,24	0,25	18,04	0,45	18,24	70,11	2.864	398	14,48	0,77	7.729
8	127,44	0,05	15,68	0,61	16,24	67,77	2.860	398	15,56	0,77	8.304
9	145,65	-0,16	12,88	0,80	13,84	62,02	2.852	402	16,56	0,77	8.836
10	163,85	-0,36	9,66	1,01	11,04	52,74	2.842	402	17,48	0,77	9.325
11	182,06	-0,57	6,02	1,25	7,84	39,73	2.831	397	18,31	0,78	9.772
12	200,26	-0,78	1,96	1,51	4,25	22,74	2.827	403	19,07	0,76	10.176

