

PUMP	CF-2 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:	175 m3/h	Hmax:	22 m	Speed:	2900 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:	21,2 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	24,8 °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	23,28	0,00	21,79	0,00	2.916	396	5,22	0,78	2.786
2	16,99	1,3	23,38	0,01	22,09	28,89	2.908	399	6,62	0,77	3.533
3	33,98	1,11	23,05	0,04	21,99	48,00	2.897	400	7,93	0,77	4.233
4	50,97	0,91	22,3	0,10	21,48	60,94	2.887	400	9,16	0,77	4.886
5	67,96	0,72	21,12	0,17	20,57	69,23	2.878	401	10,29	0,77	5.492
6	84,95	0,53	19,52	0,27	19,26	73,52	2.870	399	11,34	0,77	6.051
7	101,95	0,34	17,49	0,39	17,54	74,09	2.869	402	12,30	0,77	6.563
8	118,94	0,14	15,03	0,53	15,42	70,95	2.855	402	13,17	0,77	7.028
9	135,93	-0,05	12,14	0,70	12,89	64,00	2.848	398	13,95	0,77	7.445
10	152,92	-0,24	8,84	0,88	9,96	52,99	2.840	402	14,65	0,77	7.816
11	169,91	-0,43	5,1	1,09	6,62	37,61	2.830	399	15,25	0,77	8.139
12	186,90	-0,62	0,94	1,32	2,88	17,42	2.825	401	15,77	0,77	8.415

