

PUMP	WINNER 50 M
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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:	18 m3/h	Hmax:	14 m	Speed / Freq:	2900 rpm (50 Hz)
Voltage:	230 V	Current:	4,4 A	Power:	0,5 HP

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	Ambient Temp:	24,8 °C	Fluid Temp:	21,2 °C
Suction Size:	2"	Drive Size:	2"	In/Out Diff:	0,93 m

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	15,33	0,00	13,84	0,00	2.915	230	1,57	0,95	343
2	1,67	1,37	15,4	0,00	14,03	17,05	2.903	228	1,72	0,95	374
3	3,34	1,25	15,25	0,00	13,99	31,38	2.898	231	1,86	0,94	405
4	5,01	1,14	14,86	0,00	13,73	42,89	2.882	230	2,00	0,95	436
5	6,69	1,02	14,25	0,00	13,23	51,48	2.871	228	2,14	0,96	467
6	8,36	0,9	13,4	0,00	12,5	57,06	2.863	231	2,28	0,94	498
7	10,03	0,78	12,32	0,00	11,54	59,58	2.851	229	2,42	0,95	528
8	11,70	0,66	11,01	0,00	10,34	58,97	2.841	228	2,56	0,95	558
9	13,37	0,55	9,46	0,00	8,92	55,17	2.828	228	2,70	0,95	588
10	15,04	0,43	7,69	0,00	7,26	48,12	2.821	231	2,83	0,94	617
11	16,72	0,31	5,68	0,00	5,37	37,79	2.812	230	2,97	0,95	647
12	18,39	0,19	3,45	0,00	3,26	24,10	2.800	228	3,10	0,96	676

