

PUMP	WINNER 100 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:	23 m3/h	Hmax:	18 m	Speed / Freq:	2900 rpm (50 Hz)
Voltage:	230 V	Current:	5,5 A	Power:	1 HP

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	Ambient Temp:	22,3 °C	Fluid Temp:	20,6 °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	19,78	0,00	18,29	0,00	2.920	230	2,54	0,95	554
2	2,13	1,34	19,71	0,00	18,36	17,53	2.906	229	2,78	0,95	606
3	4,25	1,19	19,36	0,00	18,17	32,02	2.896	229	3,01	0,95	656
4	6,38	1,04	18,73	0,00	17,69	43,57	2.888	232	3,23	0,94	704
5	8,50	0,89	17,84	0,00	16,95	52,19	2.873	229	3,45	0,95	751
6	10,63	0,74	16,67	0,00	15,93	57,86	2.861	229	3,65	0,95	796
7	12,75	0,59	15,23	0,00	14,64	60,54	2.851	229	3,85	0,95	839
8	14,88	0,44	13,52	0,00	13,08	60,13	2.845	232	4,04	0,94	880
9	17,00	0,29	11,53	0,00	11,24	56,53	2.830	228	4,22	0,95	920
10	19,13	0,14	9,27	0,00	9,13	49,64	2.818	229	4,39	0,95	957
11	21,25	-0,01	6,74	0,00	6,75	39,30	2.810	229	4,56	0,95	993
12	23,38	-0,16	3,94	0,00	4,1	25,36	2.795	232	4,72	0,94	1.027

