

PUMP	WINNER 150 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:	27 m ³ /h	Hmax:	20 m	Speed / Freq:	2900 rpm (50 Hz)
Voltage:	230 V	Current:	7,3 A	Power:	1,5 HP

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm ³]	Ambient Temp:	17 °C	Fluid Temp:	19,3 °C
Suction Size:	2"	Drive Size:	2"	In/Out Diff:	0,93 m

PUMP PERFORMANCE TESTING REPORT											
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m ³ /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	21,44	0,00	19,95	0,00	2.916	230	2,92	0,95	636
2	2,49	1,31	21,1	0,00	19,79	18,66	2.909	228	3,30	0,96	719
3	4,99	1,14	20,5	0,00	19,36	32,86	2.895	228	3,67	0,96	799
4	7,48	0,96	19,63	0,00	18,67	43,39	2.886	232	4,02	0,94	875
5	9,97	0,79	18,51	0,00	17,72	50,69	2.870	228	4,35	0,95	948
6	12,46	0,61	17,12	0,00	16,51	55,01	2.859	231	4,67	0,94	1.017
7	14,96	0,43	15,47	0,00	15,04	56,47	2.851	231	4,97	0,94	1.083
8	17,45	0,26	13,57	0,00	13,31	55,11	2.838	229	5,26	0,95	1.146
9	19,94	0,08	11,4	0,00	11,32	50,92	2.828	231	5,53	0,94	1.205
10	22,43	-0,1	8,97	0,00	9,06	43,85	2.821	229	5,79	0,95	1.261
11	24,93	-0,27	6,28	0,00	6,55	33,81	2.810	229	6,03	0,95	1.313
12	27,42	-0,45	3,32	0,00	3,77	20,66	2.801	230	6,25	0,95	1.362

