

PUMP	WINNER 200 M
-------------	---------------------

DATE	Periodic re-testing is carried out annually in January to verify continued compliance
-------------	---

NOMINAL DATA					
Qmax:	28 m3/h	Hmax:	21 m	Speed / Freq:	2900 rpm (50 Hz)
Voltage:	230 V	Current:	9,2 A	Power:	2 HP

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	Ambient Temp:	27,6 °C	Fluid Temp:	21,9 °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	22,02	0,00	20,53	0,00	2.914	230	3,65	0,95	796
2	2,60	1,31	21,82	0,00	20,51	14,82	2.901	231	4,48	0,94	977
3	5,19	1,12	21,35	0,00	20,23	25,06	2.892	228	5,23	0,96	1.140
4	7,79	0,94	20,62	0,00	19,68	32,43	2.887	228	5,90	0,96	1.286
5	10,39	0,76	19,63	0,00	18,88	37,71	2.876	228	6,49	0,96	1.414
6	12,98	0,57	18,39	0,00	17,81	41,25	2.859	232	7,00	0,94	1.525
7	15,58	0,39	16,88	0,00	16,49	43,18	2.856	232	7,43	0,94	1.618
8	18,17	0,21	15,11	0,00	14,91	43,50	2.838	228	7,77	0,95	1.694
9	20,77	0,02	13,08	0,00	13,06	42,11	2.832	228	8,04	0,95	1.752
10	23,37	-0,16	10,8	0,00	10,96	38,83	2.821	228	8,23	0,95	1.793
11	25,96	-0,35	8,25	0,00	8,59	33,39	2.814	231	8,34	0,94	1.817
12	28,56	-0,53	5,44	0,00	5,97	25,43	2.801	231	8,37	0,94	1.823

