

PUMP	WINNER 300 M
-------------	---------------------

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

NOMINAL DATA					
Qmax:	32 m3/h	Hmax:	22 m	Speed / Freq:	2900 rpm (50 Hz)
Voltage:	230 V	Current:	12,2 A	Power:	3 HP

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	Ambient Temp:	27,1 °C	Fluid Temp:	21,8 °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	23,99	0,00	22,5	0,00	2.916	230	4,55	0,95	991
2	2,96	1,28	23,75	0,00	22,46	14,32	2.906	231	5,80	0,94	1.264
3	5,93	1,07	23,21	0,00	22,14	23,63	2.893	229	6,93	0,95	1.510
4	8,89	0,86	22,4	0,00	21,53	30,13	2.882	228	7,93	0,96	1.728
5	11,85	0,65	21,29	0,00	20,64	34,69	2.872	229	8,80	0,95	1.917
6	14,81	0,44	19,89	0,00	19,45	37,69	2.863	230	9,54	0,95	2.079
7	17,78	0,23	18,21	0,00	17,98	39,27	2.855	232	10,16	0,94	2.213
8	20,74	0,02	16,24	0,00	16,21	39,44	2.838	231	10,64	0,94	2.319
9	23,70	-0,19	13,98	0,00	14,16	38,09	2.832	228	11,00	0,95	2.397
10	26,67	-0,4	11,43	0,00	11,83	35,05	2.818	228	11,23	0,95	2.447
11	29,63	-0,6	8,6	0,00	9,2	30,02	2.807	229	11,33	0,95	2.469
12	32,59	-0,81	5,47	0,00	6,29	22,62	2.803	228	11,31	0,96	2.464

