

PUMP	WINNER 50 T
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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:	2900 rpm
Voltage:	400 V	Current:	1,4 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,93 m	Fluid Temp:	21,8 °C
Suction Size:	2"	Drive Size:	2"	Ambient Temp:	27,1 °C

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	2.909	400	0,56	0,77	298
2	1,68	1,37	15,4	0,00	14,03	19,69	2.903	403	0,61	0,76	325
3	3,35	1,25	15,25	0,00	13,99	36,23	2.904	398	0,66	0,77	352
4	5,03	1,14	14,86	0,00	13,72	49,49	2.891	399	0,71	0,77	379
5	6,71	1,02	14,24	0,00	13,22	59,37	2.886	400	0,76	0,77	406
6	8,39	0,9	13,38	0,00	12,48	65,77	2.887	396	0,81	0,78	433
7	10,06	0,78	12,29	0,00	11,51	68,61	2.875	402	0,86	0,77	459
8	11,74	0,66	10,97	0,00	10,31	67,83	2.869	402	0,91	0,77	485
9	13,42	0,54	9,42	0,00	8,88	63,34	2.871	401	0,96	0,77	511
10	15,10	0,42	7,63	0,00	7,21	55,09	2.859	400	1,01	0,77	537
11	16,77	0,3	5,61	0,00	5,31	43,02	2.853	397	1,05	0,78	563
12	18,45	0,19	3,36	0,00	3,17	27,08	2.854	398	1,10	0,77	588

