

PUMP	WINNER 300 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:	32 m3/h	Hmax:	22 m	Speed:	2900 rpm
Voltage:	400 V	Current:	5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,93 m	Fluid Temp:	18,1 °C
Suction Size:	2"	Drive Size:	2"	Ambient Temp:	12,5 °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	23,99	0,00	22,5	0,00	2.910	400	1,77	0,77	946
2	2,92	1,28	23,75	0,00	22,47	14,83	2.907	401	2,26	0,77	1.204
3	5,85	1,08	23,23	0,00	22,16	24,53	2.901	398	2,69	0,77	1.436
4	8,77	0,87	22,43	0,00	21,56	31,32	2.895	397	3,08	0,78	1.642
5	11,69	0,66	21,35	0,00	20,69	36,10	2.893	396	3,42	0,78	1.823
6	14,62	0,46	19,99	0,00	19,54	39,29	2.883	401	3,70	0,77	1.977
7	17,54	0,25	18,35	0,00	18,1	41,03	2.875	402	3,94	0,77	2.105
8	20,47	0,04	16,43	0,00	16,39	41,33	2.877	397	4,14	0,78	2.207
9	23,39	-0,16	14,23	0,00	14,4	40,11	2.867	396	4,28	0,78	2.283
10	26,31	-0,37	11,75	0,00	12,12	37,17	2.860	400	4,37	0,77	2.333
11	29,24	-0,58	8,99	0,00	9,57	32,26	2.859	402	4,42	0,77	2.357
12	32,16	-0,78	5,95	0,00	6,73	24,99	2.850	402	4,41	0,77	2.356

