

PUMP	WINNER 100 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:	23 m3/h	Hmax:	18 m	Speed:	2900 rpm
Voltage:	400 V	Current:	2,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,93 m	Fluid Temp:	20,6 °C
Suction Size:	2"	Drive Size:	2"	Ambient Temp:	22,3 °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	19,78	0,00	18,29	0,00	2.914	400	0,95	0,77	508
2	2,11	1,34	19,71	0,00	18,37	18,97	2.907	400	1,04	0,77	556
3	4,22	1,19	19,36	0,00	18,17	34,68	2.902	401	1,13	0,77	602
4	6,33	1,04	18,75	0,00	17,71	47,22	2.890	399	1,21	0,77	646
5	8,44	0,89	17,87	0,00	16,97	56,62	2.891	402	1,29	0,77	688
6	10,55	0,74	16,72	0,00	15,97	62,86	2.886	398	1,37	0,77	729
7	12,66	0,6	15,3	0,00	14,7	65,87	2.881	402	1,44	0,77	769
8	14,78	0,45	13,61	0,00	13,16	65,58	2.874	403	1,51	0,76	806
9	16,89	0,3	11,65	0,00	11,35	61,88	2.868	396	1,58	0,78	842
10	19,00	0,15	9,42	0,00	9,27	54,63	2.865	396	1,64	0,78	877
11	21,11	0	6,92	0,00	6,93	43,70	2.855	400	1,70	0,77	910
12	23,22	-0,15	4,16	0,00	4,31	28,91	2.848	401	1,76	0,77	941

