

PUMP	WINNER 150 T
-------------	---------------------

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

NOMINAL DATA					
Qmax:	27 m3/h	Hmax:	20 m	Speed:	2900 rpm
Voltage:	400 V	Current:	2,9 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,93 m	Fluid Temp:	21,9 °C
Suction Size:	2"	Drive Size:	2"	Ambient Temp:	27,6 °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	21,44	0,00	19,95	0,00	2.910	400	1,13	0,77	601
2	2,53	1,31	21,09	0,00	19,78	19,96	2.908	399	1,28	0,77	681
3	5,05	1,13	20,48	0,00	19,34	35,10	2.899	398	1,42	0,77	757
4	7,58	0,96	19,59	0,00	18,64	46,27	2.893	403	1,56	0,76	830
5	10,10	0,78	18,44	0,00	17,66	53,94	2.890	400	1,69	0,77	900
6	12,63	0,6	17,02	0,00	16,42	58,38	2.881	399	1,81	0,77	966
7	15,15	0,42	15,33	0,00	14,91	59,72	2.875	398	1,93	0,77	1.029
8	17,68	0,24	13,38	0,00	13,13	58,01	2.871	403	2,04	0,76	1.089
9	20,21	0,06	11,15	0,00	11,09	53,22	2.872	400	2,15	0,77	1.145
10	22,73	-0,12	8,66	0,00	8,78	45,28	2.866	399	2,25	0,77	1.198
11	25,26	-0,3	5,9	0,00	6,19	34,10	2.861	402	2,34	0,77	1.248
12	27,78	-0,47	2,87	0,00	3,34	19,53	2.851	403	2,42	0,76	1.294

