

PUMP	OPTIMA 25 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:	10,5 m ³ /h	Hmax:	12 m	Speed:	2900 rpm
Voltage:	400 V	Current:	1,1 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm ³]	In/Out Diff:	0,75 m	Fluid Temp:	21,8 °C
Suction Size:	1 1/2"	Drive Size:	1 1/2"	Ambient Temp:	27,1 °C

PUMP PERFORMANCE TESTING REPORT											
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m ³ /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	13,67	0,00	12,18	0,00	2.915	396	0,20	0,78	108
2	1,01	1,38	13,13	0,00	11,75	24,94	2.903	403	0,24	0,76	129
3	2,02	1,27	12,49	0,00	11,22	41,34	2.901	397	0,28	0,78	149
4	3,03	1,16	11,77	0,00	10,61	52,27	2.891	402	0,31	0,77	167
5	4,04	1,04	10,96	0,00	9,91	59,22	2.882	402	0,34	0,77	184
6	5,04	0,93	10,06	0,00	9,12	63,01	2.874	399	0,37	0,77	199
7	6,05	0,82	9,07	0,00	8,24	64,03	2.867	401	0,40	0,77	212
8	7,06	0,71	7,99	0,00	7,28	62,48	2.861	400	0,42	0,77	224
9	8,07	0,6	6,82	0,00	6,22	58,40	2.846	402	0,44	0,77	234
10	9,08	0,49	5,56	0,00	5,08	51,72	2.842	396	0,45	0,78	242
11	10,09	0,38	4,22	0,00	3,84	42,29	2.831	403	0,47	0,76	249
12	11,10	0,26	2,78	0,00	2,52	29,87	2.829	402	0,48	0,77	255

