

TEST REPORT



PUMP	AHF-2 1008
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DATE	26/8/2019
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NOMINAL DATA					
Qmax:	115 m3/h	Hmax:	28 m	Speed:	2900 rpm
Voltage:	400 V	Current:	16,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,07 m	Fluid Temp:	21,7 °C
Suction Size:	DN 65	Drive Size:	DN 50	Ambient Temp:	26,8 °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	29,62	0,00	28,13	0,00	2.910	396	6,15	0,78	3.280
2	10,87	1,04	29,23	0,08	28,27	21,10	2.903	402	7,43	0,77	3.963
3	21,75	0,58	28,4	0,31	28,13	36,12	2.896	403	8,63	0,76	4.606
4	32,62	0,13	27,12	0,71	27,71	47,16	2.886	399	9,77	0,77	5.212
5	43,49	-0,33	25,41	1,26	27	55,26	2.877	399	10,83	0,77	5.779
6	54,36	-0,78	23,26	1,96	26,01	60,96	2.874	403	11,82	0,76	6.307
7	65,24	-1,24	20,67	2,82	24,73	64,55	2.867	402	12,74	0,77	6.796
8	76,11	-1,69	17,63	3,84	23,17	66,17	2.855	396	13,58	0,78	7.248
9	86,98	-2,15	14,15	5,02	21,32	65,85	2.849	398	14,36	0,77	7.660
10	97,85	-2,6	10,24	6,35	19,2	63,59	2.840	402	15,06	0,77	8.034
11	108,73	-3,06	5,89	7,84	16,78	59,30	2.838	402	15,68	0,77	8.369
12	119,60	-3,51	1,08	9,49	14,09	52,88	2.829	400	16,24	0,77	8.666

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