

PUMP	AHF2408
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DATE	27/9/2020
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NOMINAL DATA					
Qmax:	30 m3/h	Hmax:	31 m	Speed:	2900 rpm
Voltage:	400 V	Current:	7,1 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,91 m	Fluid Temp:	21,2 °C
Suction Size:	DN 65	Drive Size:	DN 32	Ambient Temp:	24,8 °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	32,34	0,00	30,85	0,00	2.912	396	2,74	0,78	1.460
2	2,84	1,37	32,03	0,05	30,71	14,26	2.903	397	3,12	0,78	1.663
3	5,68	1,25	31,46	0,18	30,38	25,16	2.898	398	3,50	0,77	1.865
4	8,52	1,13	30,59	0,42	29,88	33,48	2.893	399	3,87	0,77	2.067
5	11,36	1,02	29,46	0,74	29,18	39,73	2.882	401	4,25	0,77	2.269
6	14,20	0,9	28,05	1,15	28,31	44,24	2.873	396	4,63	0,78	2.470
7	17,03	0,78	26,37	1,66	27,25	47,25	2.867	403	5,01	0,76	2.672
8	19,87	0,66	24,4	2,26	26	48,92	2.856	402	5,38	0,77	2.873
9	22,71	0,54	22,16	2,96	24,58	49,39	2.850	402	5,76	0,77	3.073
10	25,55	0,42	19,65	3,74	22,96	48,75	2.841	401	6,14	0,77	3.274
11	28,39	0,3	16,85	4,62	21,17	47,05	2.834	399	6,51	0,77	3.474
12	31,23	0,18	13,79	5,59	19,19	44,37	2.830	403	6,89	0,76	3.674

