

PUMP	AHF2558
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DATE	21/9/2020
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NOMINAL DATA					
Qmax:	36 m3/h	Hmax:	36 m	Speed:	2900 rpm
Voltage:	400 V	Current:	9,4 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	37,9	0,00	36,41	0,00	2.917	396	3,48	0,78	1.858
2	3,40	1,35	37,7	0,07	36,42	15,28	2.907	398	4,14	0,77	2.207
3	6,81	1,21	37,1	0,27	36,16	26,33	2.893	400	4,77	0,77	2.543
4	10,21	1,06	36,09	0,60	35,63	34,53	2.893	402	5,37	0,77	2.865
5	13,61	0,92	34,68	1,06	34,82	40,62	2.884	401	5,95	0,77	3.174
6	17,02	0,78	32,86	1,66	33,74	45,01	2.874	403	6,50	0,76	3.470
7	20,42	0,64	30,64	2,39	32,39	47,94	2.864	402	7,03	0,77	3.752
8	23,83	0,49	28,01	3,25	30,76	49,57	2.853	396	7,54	0,78	4.021
9	27,23	0,35	24,96	4,25	28,86	49,98	2.850	398	8,01	0,77	4.276
10	30,63	0,21	21,52	5,38	26,69	49,21	2.838	400	8,47	0,77	4.518
11	34,04	0,07	17,67	6,64	24,24	47,27	2.836	397	8,90	0,78	4.747
12	37,44	-0,08	13,41	8,03	21,52	44,15	2.822	403	9,30	0,76	4.963

