

PUMP	AHF2758
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DATE	23/9/2020
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NOMINAL DATA					
Qmax:	58 m3/h	Hmax:	34 m	Speed:	2900 rpm
Voltage:	400 V	Current:	14,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,98 m	Fluid Temp:	21,2 °C
Suction Size:	DN 65	Drive Size:	DN 40	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	35,36	0,00	33,87	0,00	2.914	396	4,74	0,78	2.527
2	5,49	1,26	35,48	0,06	34,28	17,50	2.908	402	5,49	0,77	2.927
3	10,99	1,03	35,15	0,26	34,38	30,92	2.897	399	6,23	0,77	3.322
4	16,48	0,8	34,38	0,58	34,16	41,24	2.892	403	6,96	0,76	3.713
5	21,98	0,57	33,17	1,03	33,62	49,04	2.883	397	7,68	0,78	4.098
6	27,47	0,34	31,51	1,61	32,78	54,68	2.869	402	8,39	0,77	4.478
7	32,97	0,11	29,41	2,32	31,62	58,39	2.861	400	9,10	0,77	4.854
8	38,46	-0,12	26,86	3,16	30,14	60,34	2.858	401	9,79	0,77	5.225
9	43,95	-0,35	23,87	4,13	28,35	60,63	2.851	398	10,48	0,77	5.590
10	49,45	-0,58	20,45	5,22	26,25	59,32	2.841	403	11,15	0,76	5.951
11	54,94	-0,81	16,58	6,45	23,83	56,47	2.837	400	11,82	0,77	6.307
12	60,44	-1,04	12,27	7,80	21,1	52,10	2.828	402	12,48	0,77	6.658

