

TEST REPORT



PUMP	AHF-2 2008
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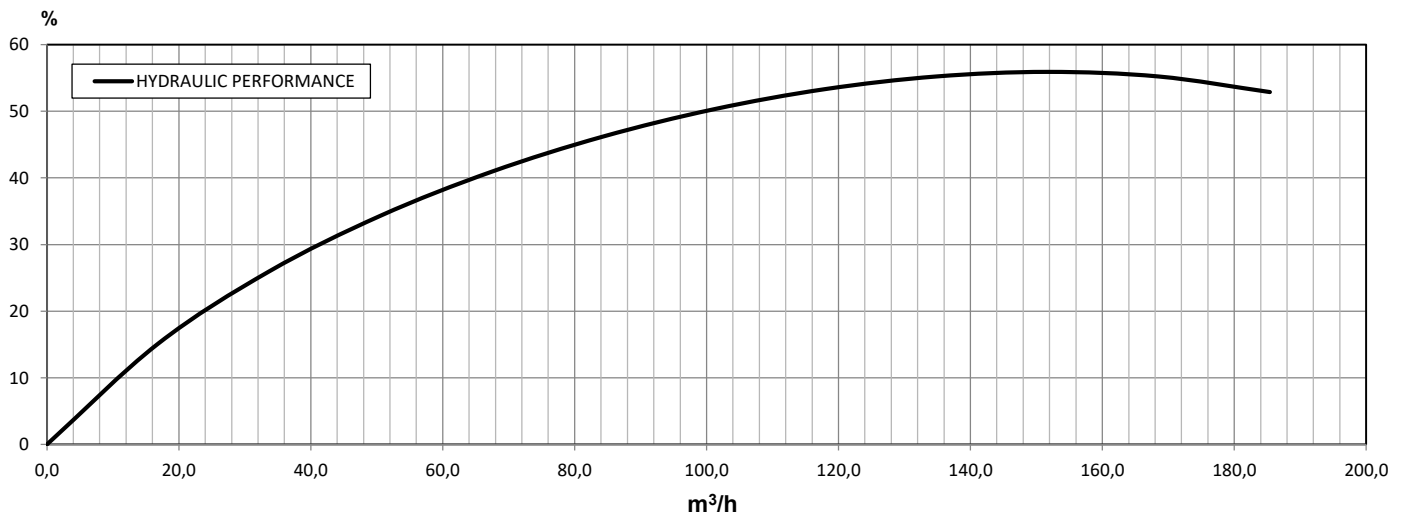
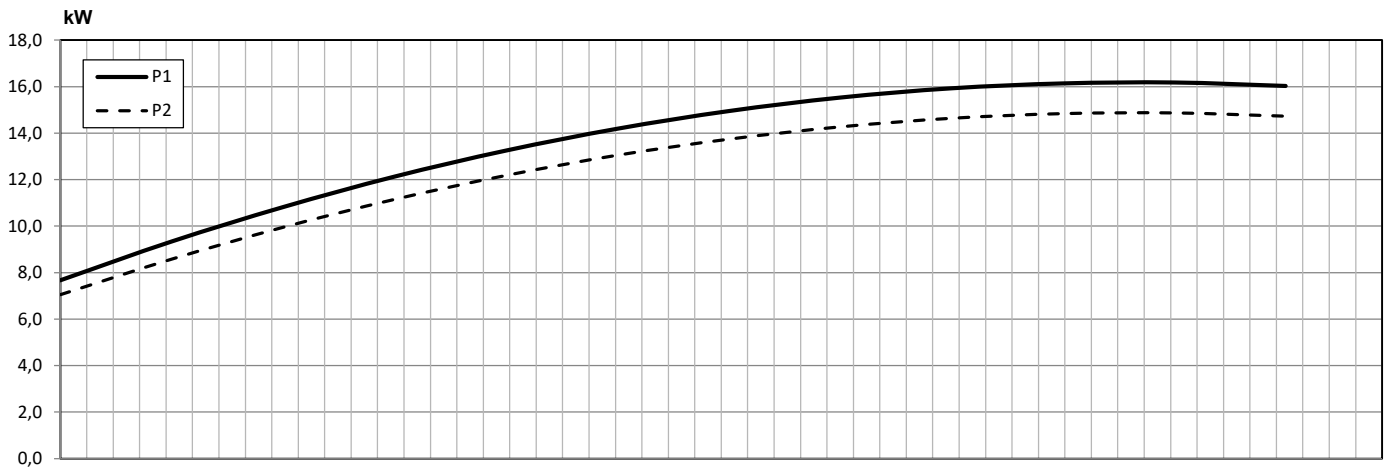
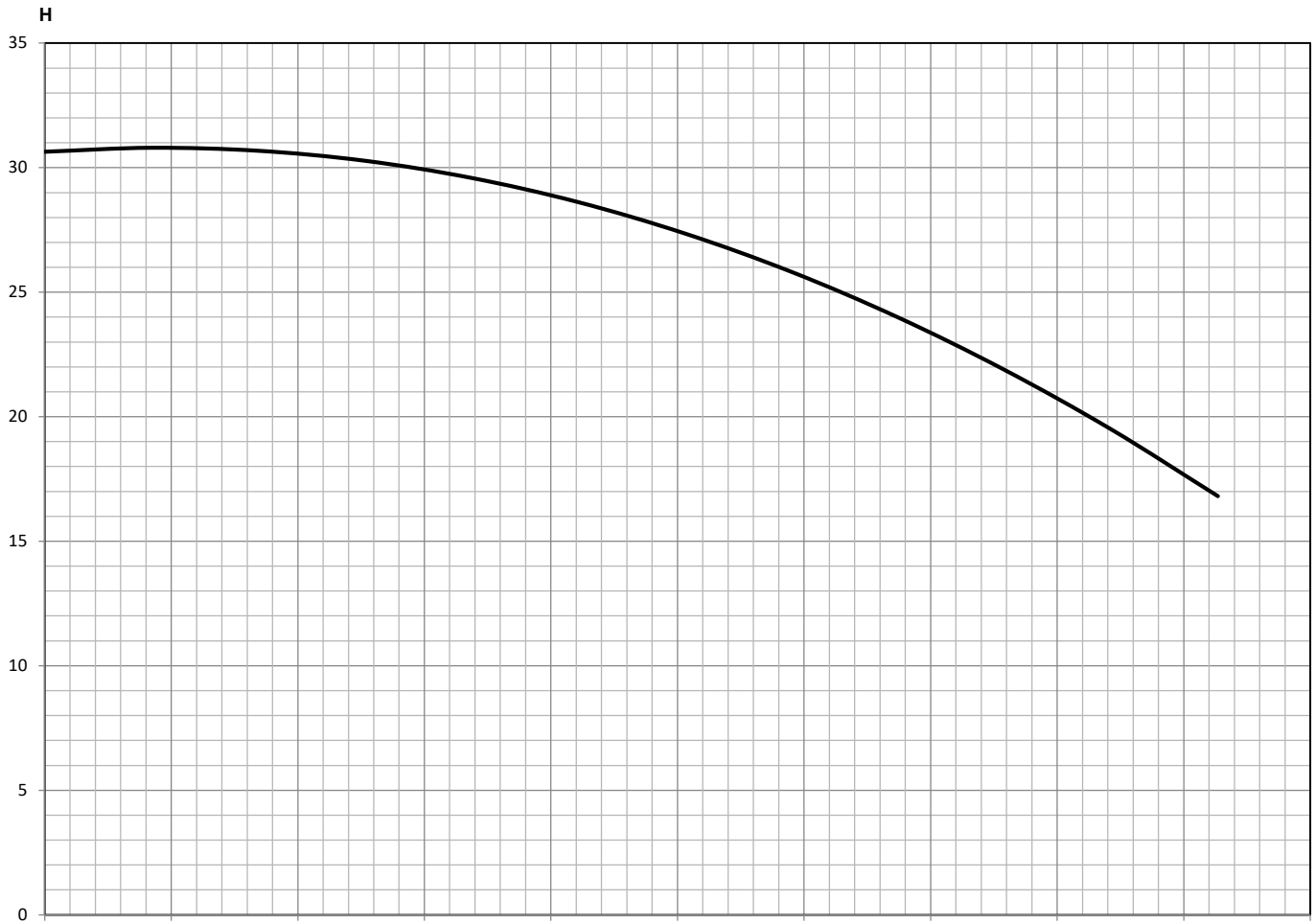
DATE	16/11/2019
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NOMINAL DATA					
Qmax:	180 m3/h	Hmax:	31 m	Speed:	2900 rpm
Voltage:	400 V	Current:	32 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,19 m	Fluid Temp:	19,3 °C
Suction Size:	DN 100	Drive Size:	DN 80	Ambient Temp:	17 °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	32,13	0,00	30,64	0,00	2.911	396	14,37	0,78	7.669
2	16,85	1,19	31,97	0,03	30,8	15,12	2.907	396	17,50	0,78	9.338
3	33,71	0,89	31,48	0,10	30,68	25,99	2.900	396	20,29	0,78	10.825
4	50,56	0,6	30,63	0,24	30,28	34,32	2.887	402	22,73	0,77	12.130
5	67,42	0,3	29,47	0,42	29,59	40,93	2.883	399	24,84	0,77	13.253
6	84,27	0	27,97	0,65	28,62	46,20	2.875	400	26,60	0,77	14.195
7	101,13	-0,3	26,12	0,94	27,36	50,31	2.862	399	28,03	0,77	14.955
8	117,98	-0,6	23,94	1,28	25,82	53,33	2.856	402	29,11	0,77	15.533
9	134,84	-0,89	21,43	1,67	23,99	55,23	2.847	396	29,85	0,78	15.929
10	151,69	-1,19	18,57	2,12	21,88	55,92	2.843	396	30,25	0,78	16.143
11	168,55	-1,49	15,39	2,61	19,49	55,22	2.838	396	30,31	0,78	16.175
12	185,40	-1,79	11,86	3,16	16,81	52,89	2.827	396	30,03	0,78	16.026

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Curves according ISO 9906 Annex A regulation