

TEST REPORT



PUMP	AHF-4 300
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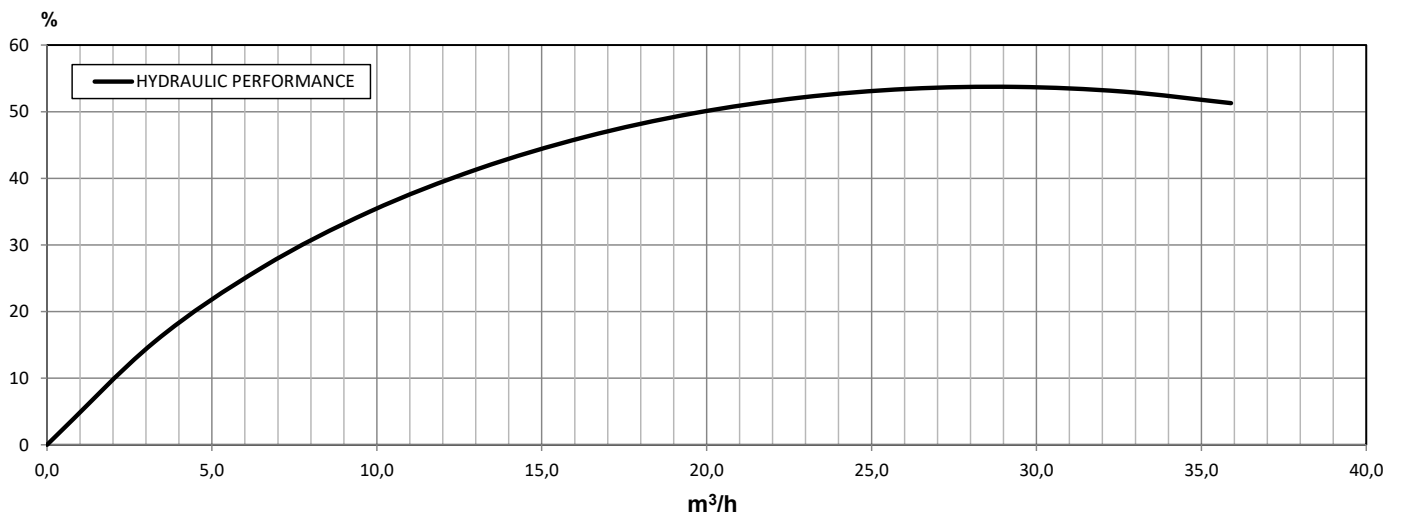
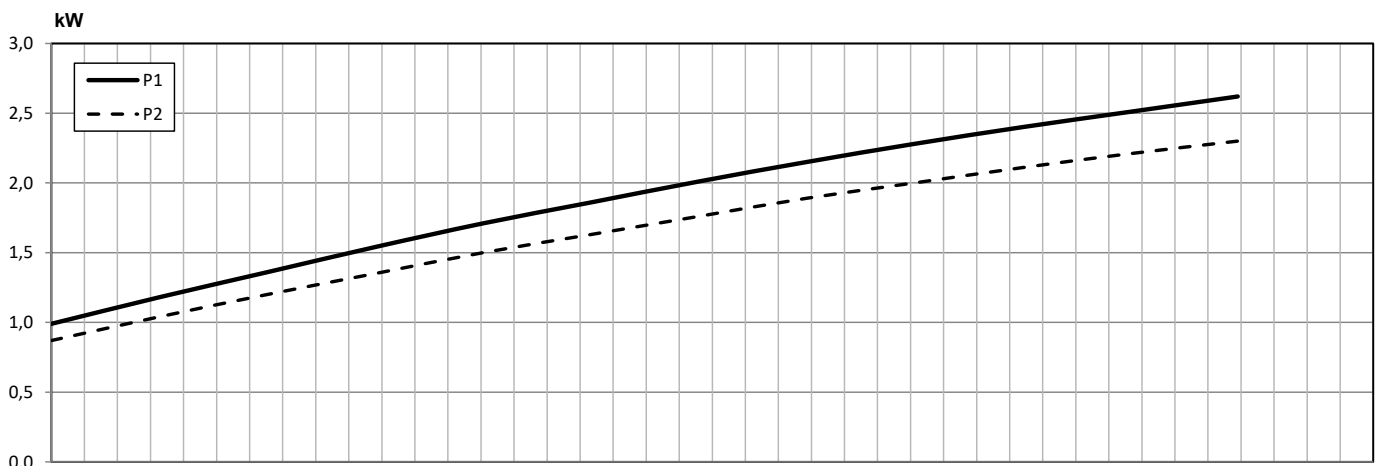
DATE	23/11/2021
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NOMINAL DATA					
Qmax:	34 m3/h	Hmax:	21 m	Speed:	1450 rpm
Voltage:	400 V	Current:	5,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,98 m	Fluid Temp:	19,3 °C
Suction Size:	DN 65	Drive Size:	DN 40	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	22,02	0,00	20,53	0,00	1.456	396	1,85	0,78	988
2	3,26	1,35	21,9	0,02	20,56	15,46	1.459	398	2,21	0,77	1.181
3	6,53	1,22	21,59	0,09	20,47	26,63	1.455	401	2,56	0,77	1.365
4	9,79	1,08	21,12	0,20	20,24	35,01	1.444	403	2,89	0,76	1.540
5	13,06	0,94	20,47	0,36	19,88	41,39	1.445	402	3,20	0,77	1.706
6	16,32	0,81	19,63	0,57	19,4	46,22	1.437	400	3,49	0,77	1.863
7	19,58	0,67	18,63	0,82	18,78	49,74	1.433	397	3,77	0,78	2.011
8	22,85	0,53	17,46	1,11	18,03	52,11	1.432	399	4,03	0,77	2.150
9	26,11	0,4	16,1	1,46	17,16	53,43	1.423	402	4,27	0,77	2.280
10	29,38	0,26	14,57	1,84	16,15	53,72	1.425	402	4,50	0,77	2.402
11	32,64	0,12	12,86	2,28	15,01	53,01	1.420	401	4,71	0,77	2.514
12	35,90	-0,01	10,99	2,75	13,75	51,28	1.419	400	4,91	0,77	2.618

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Curves according ISO 9906 Annex A regulation