

TEST REPORT



PUMP	AHF-4 2500
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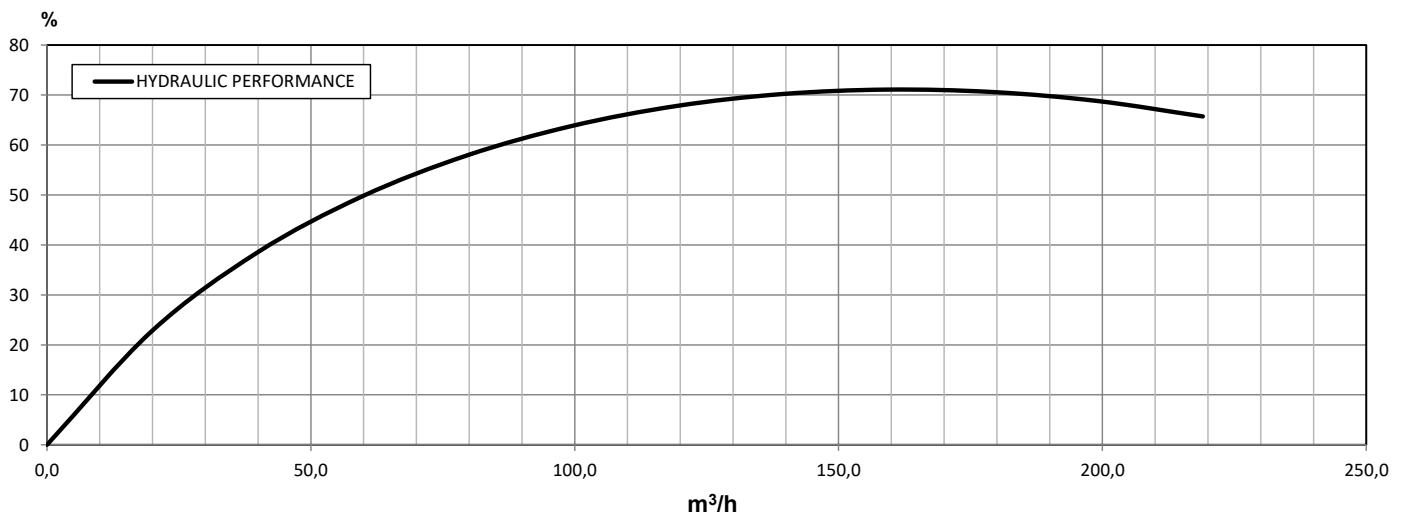
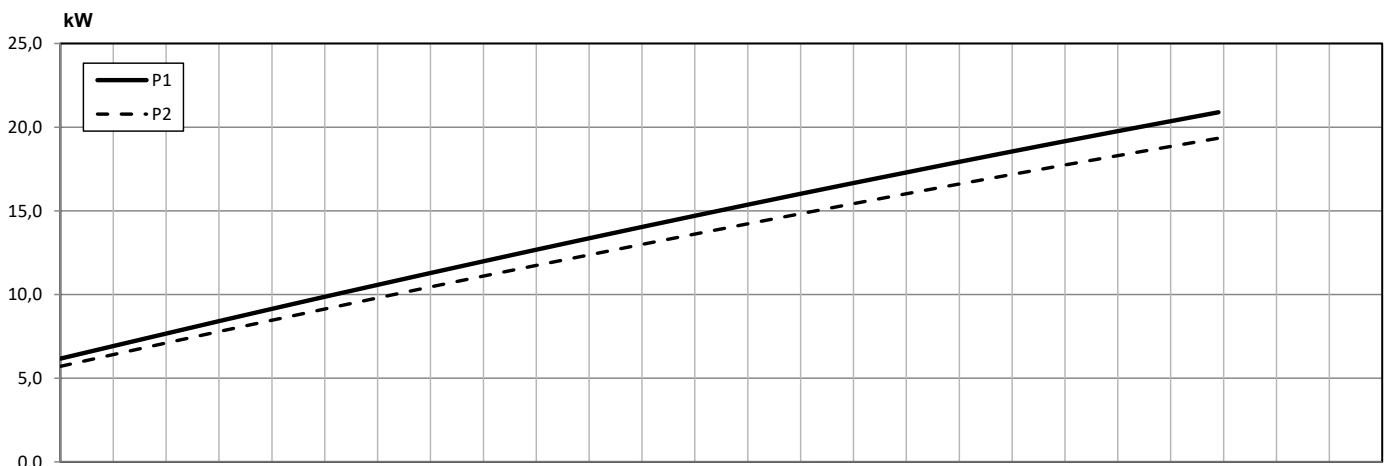
DATE	17/8/2021
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NOMINAL DATA					
Qmax:	210 m3/h	Hmax:	32 m	Speed:	1450 rpm
Voltage:	400 V	Current:	41,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,06 m	Fluid Temp:	21,7 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	26,8 °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	33,37	0,00	31,88	0,00	1.461	396	11,56	0,78	6.167
2	19,91	1,27	33,52	0,01	32,26	22,80	1.452	397	14,36	0,78	7.663
3	39,82	1,04	33,39	0,06	32,41	38,46	1.455	402	17,10	0,77	9.127
4	59,74	0,81	33,01	0,13	32,32	49,72	1.443	400	19,79	0,77	10.560
5	79,65	0,59	32,34	0,24	31,99	57,94	1.442	396	22,42	0,78	11.961
6	99,56	0,36	31,42	0,37	31,43	63,84	1.436	402	24,98	0,77	13.331
7	119,47	0,14	30,23	0,54	30,63	67,84	1.433	402	27,49	0,77	14.669
8	139,38	-0,09	28,77	0,73	29,59	70,20	1.433	396	29,94	0,78	15.976
9	159,29	-0,31	27,04	0,96	28,31	71,09	1.426	400	32,33	0,77	17.252
10	179,21	-0,54	25,05	1,21	26,79	70,60	1.423	402	34,66	0,77	18.496
11	199,12	-0,76	22,79	1,49	25,04	68,80	1.423	402	36,93	0,77	19.708
12	219,03	-0,99	20,25	1,81	23,05	65,72	1.415	396	39,15	0,78	20.889

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Curves according ISO 9906 Annex A regulation