

# TEST REPORT



<b>PUMP</b>	<b>AHF-4 750</b>
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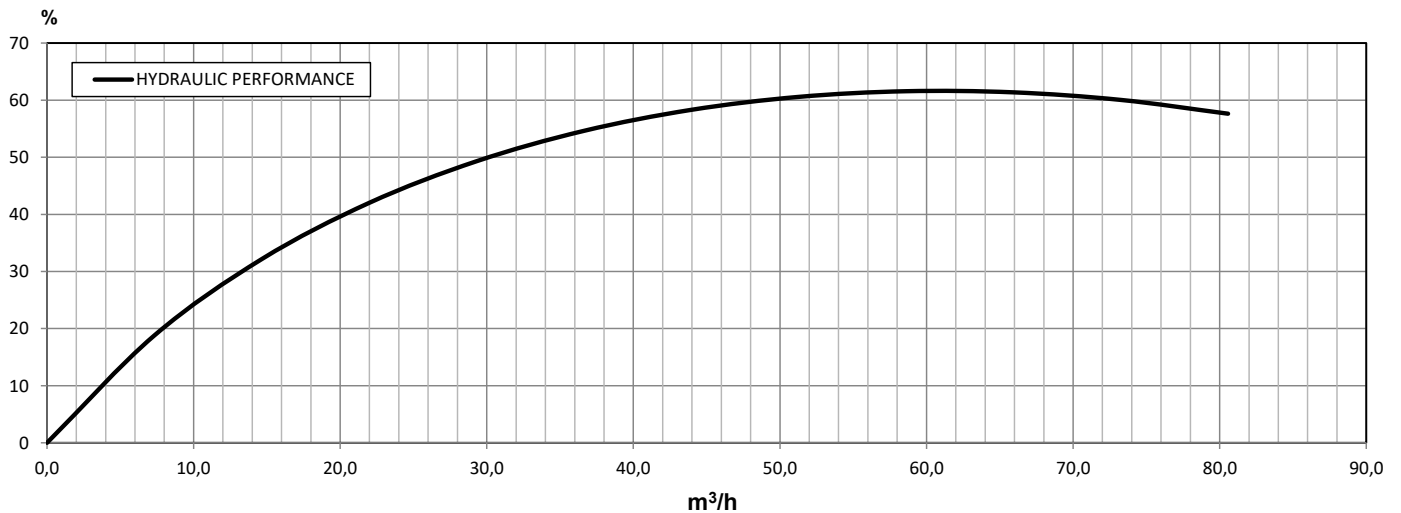
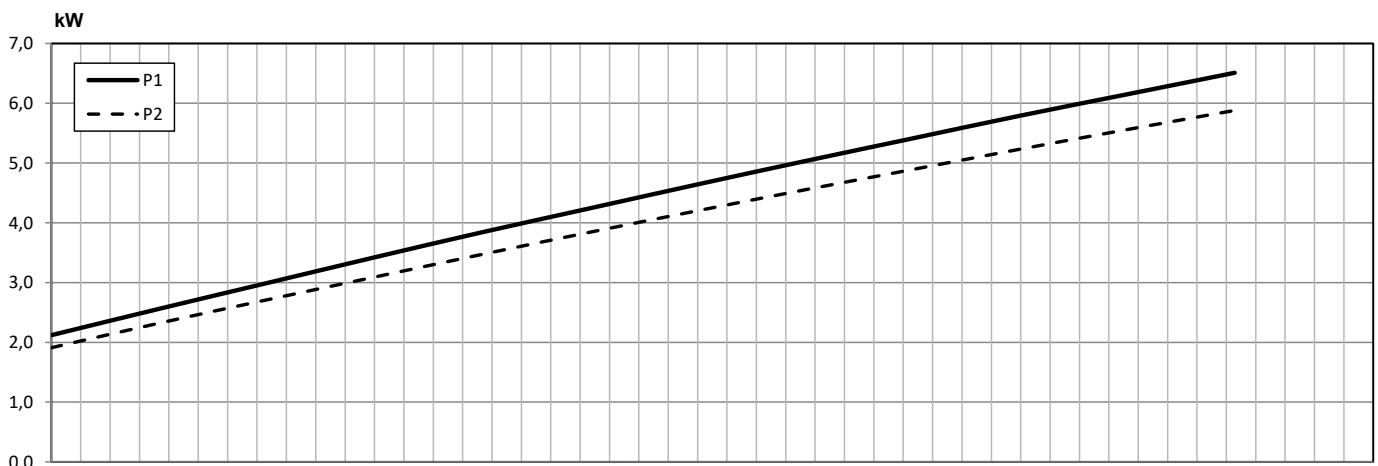
<b>DATE</b>	19/10/2021
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NOMINAL DATA					
<b>Qmax:</b>	78 m3/h	<b>Hmax:</b>	24 m	<b>Speed:</b>	1450 rpm
<b>Voltage:</b>	400 V	<b>Current:</b>	12 A	<b>Freq:</b>	50 Hz

TESTING CONDITIONS					
<b>Fluid / Density:</b>	Water [0,998 Kg/dm3]	<b>In/Out Diff:</b>	0,96 m	<b>Fluid Temp:</b>	20,4 °C
<b>Suction Size:</b>	DN 80	<b>Drive Size:</b>	DN 65	<b>Ambient Temp:</b>	21,5 °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	25,47	0,00	23,98	0,00	1.461	396	3,97	0,78	2.118
2	7,32	1,29	25,44	0,01	24,16	18,79	1.454	396	4,80	0,78	2.561
3	14,65	1,09	25,22	0,04	24,18	32,17	1.448	396	5,61	0,78	2.995
4	21,97	0,88	24,82	0,10	24,04	42,01	1.444	403	6,41	0,76	3.420
5	29,30	0,68	24,25	0,17	23,73	49,30	1.443	403	7,19	0,76	3.836
6	36,62	0,48	23,48	0,27	23,27	54,62	1.442	403	7,95	0,76	4.243
7	43,95	0,28	22,53	0,39	22,65	58,31	1.433	403	8,70	0,76	4.642
8	51,27	0,07	21,41	0,53	21,86	60,57	1.427	397	9,43	0,78	5.032
9	58,60	-0,13	20,1	0,69	20,91	61,56	1.423	399	10,15	0,77	5.414
10	65,92	-0,33	18,6	0,88	19,81	61,37	1.424	399	10,84	0,77	5.786
11	73,25	-0,53	16,93	1,08	18,54	60,04	1.417	399	11,53	0,77	6.150
12	80,57	-0,74	15,06	1,31	17,11	57,63	1.416	402	12,19	0,77	6.506

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Curves according ISO 9906 Annex A regulation