

TEST REPORT



PUMP	AHF-4 1000
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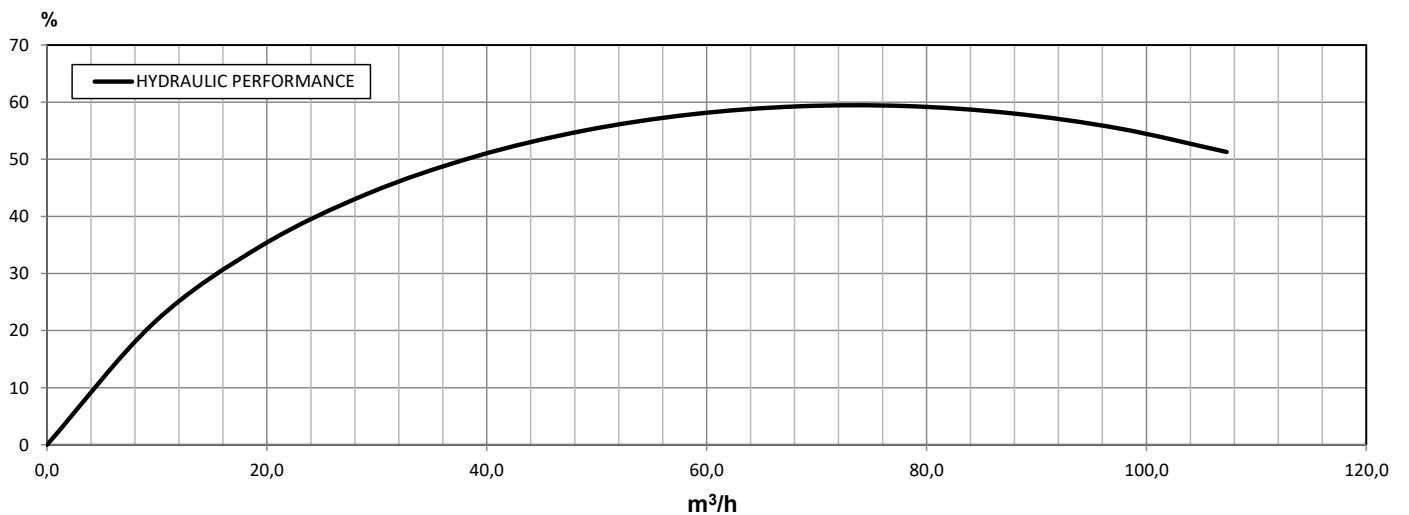
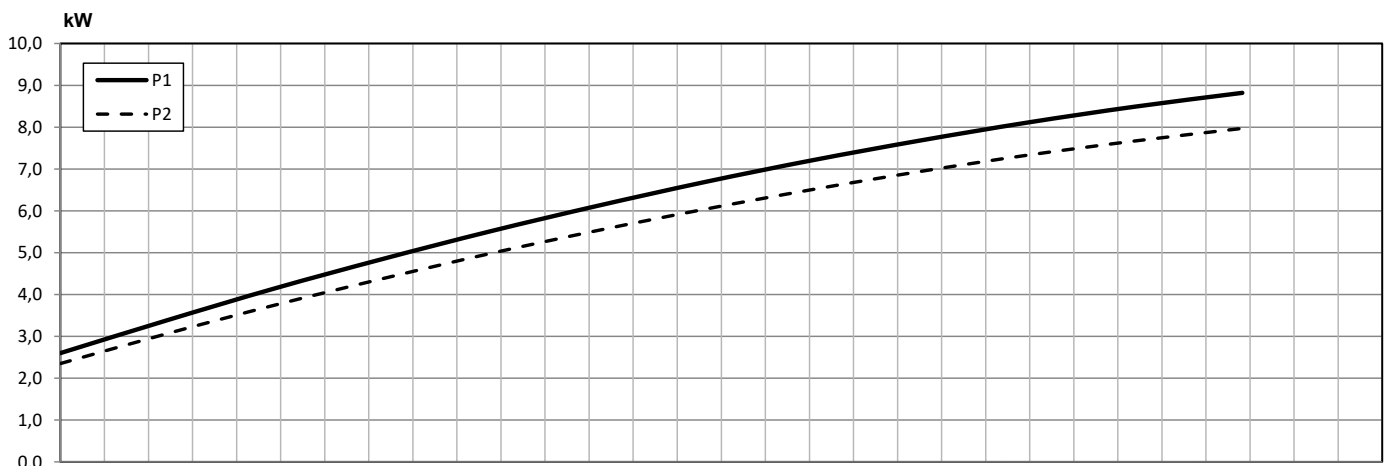
DATE	24/8/2020
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NOMINAL DATA					
Qmax:	100 m3/h	Hmax:	27 m	Speed:	1450 rpm
Voltage:	400 V	Current:	15,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,96 m	Fluid Temp:	21,7 °C
Suction Size:	DN 80	Drive Size:	DN 65	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	28,82	0,00	27,33	0,00	1.456	396	4,86	0,78	2.596
2	9,75	1,22	28,6	0,02	27,4	21,42	1.456	401	6,36	0,77	3.394
3	19,51	0,95	28,11	0,08	27,23	34,86	1.447	398	7,77	0,77	4.145
4	29,26	0,68	27,36	0,17	26,84	44,04	1.448	403	9,09	0,76	4.850
5	39,02	0,41	26,33	0,31	26,22	50,51	1.441	400	10,32	0,77	5.509
6	48,77	0,14	25,04	0,48	25,38	54,99	1.438	402	11,47	0,77	6.121
7	58,53	-0,13	23,49	0,69	24,3	57,84	1.439	399	12,53	0,77	6.687
8	68,28	-0,4	21,66	0,94	23	59,26	1.432	402	13,50	0,77	7.206
9	78,04	-0,67	19,57	1,23	21,47	59,32	1.429	397	14,39	0,78	7.679
10	87,79	-0,93	17,22	1,55	19,7	58,04	1.420	399	15,19	0,77	8.106
11	97,55	-1,2	14,59	1,92	17,72	55,38	1.423	401	15,90	0,77	8.486
12	107,30	-1,47	11,7	2,32	15,5	51,28	1.417	397	16,53	0,78	8.819

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Curves according ISO 9906 Annex A regulation