

PUMP	HF-2 1008
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DATE	Periodic re-testing is carried out annually in January to verify continued compliance
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NOMINAL DATA					
Qmax:	115 m3/h	Hmax:	28 m	Speed:	2900 rpm
Voltage:	400 V	Current:	16,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,07 m	Fluid Temp:	21,8 °C
Suction Size:	DN 65	Drive Size:	DN 50	Ambient Temp:	27,1 °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	29,62	0,00	28,13	0,00	2.910	396	6,15	0,78	3.280
2	10,74	1,04	29,24	0,08	28,27	20,88	2.904	402	7,41	0,77	3.954
3	21,47	0,59	28,42	0,31	28,14	35,80	2.894	396	8,60	0,78	4.591
4	32,21	0,14	27,18	0,69	27,73	46,80	2.892	402	9,73	0,77	5.190
5	42,95	-0,31	25,51	1,22	27,04	54,91	2.877	400	10,78	0,77	5.751
6	53,68	-0,76	23,41	1,91	26,08	60,67	2.869	402	11,76	0,77	6.275
7	64,42	-1,21	20,88	2,75	24,83	64,35	2.868	400	12,67	0,77	6.761
8	75,16	-1,65	17,91	3,75	23,32	66,10	2.853	398	13,51	0,77	7.210
9	85,89	-2,1	14,52	4,90	21,52	65,97	2.846	400	14,28	0,77	7.620
10	96,63	-2,55	10,7	6,20	19,45	63,94	2.843	398	14,98	0,77	7.994
11	107,37	-3	6,45	7,65	17,1	59,95	2.834	399	15,61	0,77	8.329
12	118,10	-3,45	1,76	9,26	14,48	53,90	2.827	398	16,17	0,77	8.627

