

PUMP	HF-4 558
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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:	54 m3/h	Hmax:	24 m	Speed:	1450 rpm
Voltage:	400 V	Current:	9,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,07 m	Fluid Temp:	21,7 °C
Suction Size:	DN 65	Drive Size:	DN 50	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	25,25	0,00	23,75	0,00	1.459	396	2,87	0,78	1.531
2	5,25	1,27	25,18	0,02	23,92	18,07	1.458	397	3,54	0,78	1.890
3	10,50	1,05	24,91	0,07	23,92	30,69	1.447	398	4,17	0,77	2.225
4	15,74	0,83	24,42	0,16	23,75	40,06	1.444	399	4,76	0,77	2.538
5	20,99	0,61	23,73	0,29	23,41	47,25	1.441	400	5,30	0,77	2.829
6	26,24	0,39	22,83	0,46	22,9	52,77	1.437	396	5,80	0,78	3.097
7	31,49	0,17	21,73	0,66	22,21	56,92	1.433	397	6,26	0,78	3.342
8	36,73	-0,05	20,41	0,90	21,36	59,87	1.427	398	6,68	0,77	3.564
9	41,98	-0,27	18,9	1,17	20,33	61,68	1.431	397	7,05	0,78	3.764
10	47,23	-0,49	17,17	1,48	19,14	62,37	1.425	396	7,39	0,78	3.942
11	52,48	-0,71	15,24	1,83	17,77	61,92	1.418	400	7,68	0,77	4.097
12	57,73	-0,93	13,1	2,21	16,24	60,27	1.411	399	7,92	0,77	4.229

