

PUMP	HF-2 2508
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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:	250 m3/h	Hmax:	36 m	Speed:	2900 rpm
Voltage:	400 V	Current:	41,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,19 m	Fluid Temp:	21,8 °C
Suction Size:	DN 100	Drive Size:	DN 80	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	37,8	0,00	36,3	0,00	2.916	396	19,06	0,78	10.172
2	23,84	1,07	37,08	0,05	36,06	20,61	2.908	397	21,26	0,78	11.344
3	47,68	0,65	35,91	0,21	35,48	36,83	2.893	398	23,40	0,77	12.489
4	71,52	0,23	34,3	0,47	34,55	49,39	2.887	399	25,50	0,77	13.607
5	95,36	-0,2	32,25	0,84	33,28	58,73	2.881	401	27,54	0,77	14.697
6	119,20	-0,62	29,75	1,31	31,67	65,15	2.873	401	29,54	0,77	15.761
7	143,05	-1,04	26,8	1,88	29,72	68,84	2.868	402	31,48	0,77	16.798
8	166,89	-1,46	23,41	2,56	27,43	69,92	2.853	402	33,37	0,77	17.807
9	190,73	-1,88	19,57	3,35	24,8	68,46	2.851	403	35,21	0,76	18.789
10	214,57	-2,3	15,28	4,24	21,83	64,51	2.844	399	37,00	0,77	19.744
11	238,41	-2,72	10,56	5,23	18,51	58,07	2.835	401	38,74	0,77	20.672
12	262,25	-3,15	5,38	6,33	14,86	49,13	2.829	398	40,43	0,77	21.573

