

PUMP	HF-2 1508
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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:	140 m3/h	Hmax:	32 m	Speed:	2900 rpm
Voltage:	400 V	Current:	24,2 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	33,75	0,00	32,26	0,00	2.913	396	9,63	0,78	5.137
2	12,99	1,13	33,98	0,03	32,88	19,47	2.908	399	11,18	0,77	5.967
3	25,99	0,77	33,75	0,14	33,12	34,72	2.897	397	12,64	0,78	6.742
4	38,98	0,41	33,09	0,31	32,99	46,86	2.893	400	13,99	0,77	7.464
5	51,98	0,05	32,01	0,54	32,49	56,48	2.877	398	15,24	0,77	8.131
6	64,97	-0,3	30,47	0,85	31,62	63,89	2.875	399	16,39	0,77	8.745
7	77,97	-0,66	28,48	1,23	30,38	69,23	2.868	402	17,44	0,77	9.304
8	90,96	-1,02	26,07	1,67	28,76	72,53	2.859	401	18,38	0,77	9.810
9	103,96	-1,38	23,22	2,18	26,78	73,78	2.846	403	19,23	0,76	10.261
10	116,95	-1,74	19,92	2,76	24,42	72,87	2.838	402	19,97	0,77	10.659
11	129,95	-2,1	16,18	3,41	21,69	69,67	2.837	400	20,62	0,77	11.002
12	142,94	-2,46	12,01	4,12	18,59	64,01	2.822	402	21,16	0,77	11.291

