

PUMP	HF-4 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:	155 m3/h	Hmax:	26 m	Speed:	1450 rpm
Voltage:	400 V	Current:	21,8 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,19 m	Fluid Temp:	21,2 °C
Suction Size:	DN 100	Drive Size:	DN 80	Ambient Temp:	24,8 °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	27,09	0,00	25,6	0,00	1.463	396	6,81	0,78	3.632
2	14,72	1,23	27,25	0,02	26,04	23,04	1.455	399	8,48	0,77	4.525
3	29,45	0,97	27,1	0,08	26,21	38,97	1.447	397	10,10	0,78	5.387
4	44,18	0,71	26,66	0,18	26,13	50,48	1.448	400	11,65	0,77	6.218
5	58,90	0,45	25,91	0,32	25,78	58,85	1.439	398	13,15	0,77	7.017
6	73,62	0,19	24,86	0,50	25,18	64,74	1.440	396	14,59	0,78	7.786
7	88,35	-0,07	23,52	0,72	24,31	68,53	1.432	397	15,97	0,78	8.523
8	103,08	-0,33	21,87	0,98	23,18	70,42	1.433	399	17,30	0,77	9.229
9	117,80	-0,59	19,93	1,28	21,8	70,51	1.425	396	18,56	0,78	9.904
10	132,52	-0,85	17,68	1,62	20,15	68,85	1.426	398	19,77	0,77	10.548
11	147,25	-1,11	15,14	1,99	18,25	65,47	1.418	400	20,92	0,77	11.161
12	161,98	-1,37	12,3	2,41	16,08	60,32	1.413	397	22,01	0,78	11.743

