

PUMP	HF-2 408
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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:	30 m3/h	Hmax:	31 m	Speed:	2900 rpm
Voltage:	400 V	Current:	7,1 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,91 m	Fluid Temp:	21,2 °C
Suction Size:	DN 65	Drive Size:	DN 32	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	32,34	0,00	30,85	0,00	2.912	396	2,74	0,78	1.460
2	2,92	1,37	32,02	0,05	30,7	14,63	2.902	397	3,13	0,78	1.669
3	5,85	1,25	31,41	0,20	30,36	25,72	2.893	398	3,52	0,77	1.877
4	8,77	1,12	30,51	0,44	29,82	34,12	2.885	401	3,91	0,77	2.085
5	11,69	1	29,31	0,78	29,09	40,35	2.877	400	4,30	0,77	2.293
6	14,62	0,88	27,82	1,22	28,16	44,78	2.870	403	4,69	0,76	2.500
7	17,54	0,76	26,04	1,76	27,04	47,64	2.864	402	5,07	0,77	2.708
8	20,47	0,63	23,96	2,40	25,72	49,12	2.858	399	5,46	0,77	2.915
9	23,39	0,51	21,59	3,13	24,21	49,34	2.853	400	5,85	0,77	3.121
10	26,31	0,39	18,92	3,97	22,5	48,39	2.838	396	6,24	0,78	3.327
11	29,24	0,27	15,97	4,90	20,6	46,35	2.836	397	6,62	0,78	3.534
12	32,16	0,14	12,72	5,93	18,5	43,28	2.823	402	7,01	0,77	3.739

