

PUMP	HF-2 758
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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:	58 m3/h	Hmax:	34 m	Speed:	2900 rpm
Voltage:	400 V	Current:	14,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,98 m	Fluid Temp:	21,8 °C
Suction Size:	DN 65	Drive Size:	DN 40	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	35,36	0,00	33,87	0,00	2.914	396	4,74	0,78	2.527
2	5,59	1,26	35,47	0,07	34,29	17,76	2.907	402	5,50	0,77	2.934
3	11,18	1,02	35,13	0,27	34,37	31,33	2.895	401	6,25	0,77	3.336
4	16,77	0,79	34,33	0,60	34,14	41,70	2.887	396	7,00	0,78	3.733
5	22,36	0,56	33,06	1,07	33,58	49,50	2.882	402	7,73	0,77	4.124
6	27,95	0,32	31,34	1,67	32,69	55,07	2.872	401	8,45	0,77	4.511
7	33,53	0,09	29,17	2,40	31,48	58,68	2.867	396	9,17	0,78	4.893
8	39,12	-0,15	26,53	3,27	29,94	60,46	2.855	398	9,87	0,77	5.269
9	44,71	-0,38	23,43	4,27	28,08	60,54	2.847	403	10,57	0,76	5.640
10	50,30	-0,61	19,88	5,40	25,9	58,98	2.844	400	11,26	0,77	6.007
11	55,89	-0,85	15,87	6,67	23,39	55,82	2.836	398	11,93	0,77	6.368
12	61,48	-1,08	11,4	8,07	20,55	51,10	2.825	403	12,60	0,76	6.724

