

PUMP	HF-2 1208
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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:	90 m3/h	Hmax:	32 m	Speed:	2900 rpm
Voltage:	400 V	Current:	16,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,07 m	Fluid Temp:	21,7 °C
Suction Size:	DN 65	Drive Size:	DN 50	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	33,26	0,00	31,77	0,00	2.914	396	6,29	0,78	3.356
2	8,53	1,13	33,25	0,05	32,16	19,53	2.905	399	7,16	0,77	3.822
3	17,07	0,78	32,9	0,19	32,31	34,98	2.901	403	8,04	0,76	4.288
4	25,60	0,42	32,2	0,43	32,21	47,20	2.886	401	8,91	0,77	4.752
5	34,13	0,06	31,16	0,77	31,87	56,72	2.882	402	9,77	0,77	5.215
6	42,67	-0,29	29,77	1,21	31,27	63,92	2.875	396	10,64	0,78	5.677
7	51,20	-0,65	28,04	1,74	30,43	69,04	2.864	398	11,50	0,77	6.138
8	59,74	-1,01	25,96	2,37	29,34	72,25	2.858	400	12,36	0,77	6.597
9	68,27	-1,37	23,55	3,09	28,01	73,70	2.849	397	13,22	0,78	7.056
10	76,80	-1,72	20,79	3,91	26,42	73,46	2.845	401	14,08	0,77	7.513
11	85,34	-2,08	17,68	4,83	24,59	71,62	2.837	403	14,93	0,76	7.969
12	93,87	-2,44	14,22	5,85	22,51	68,22	2.823	402	15,79	0,77	8.424

