

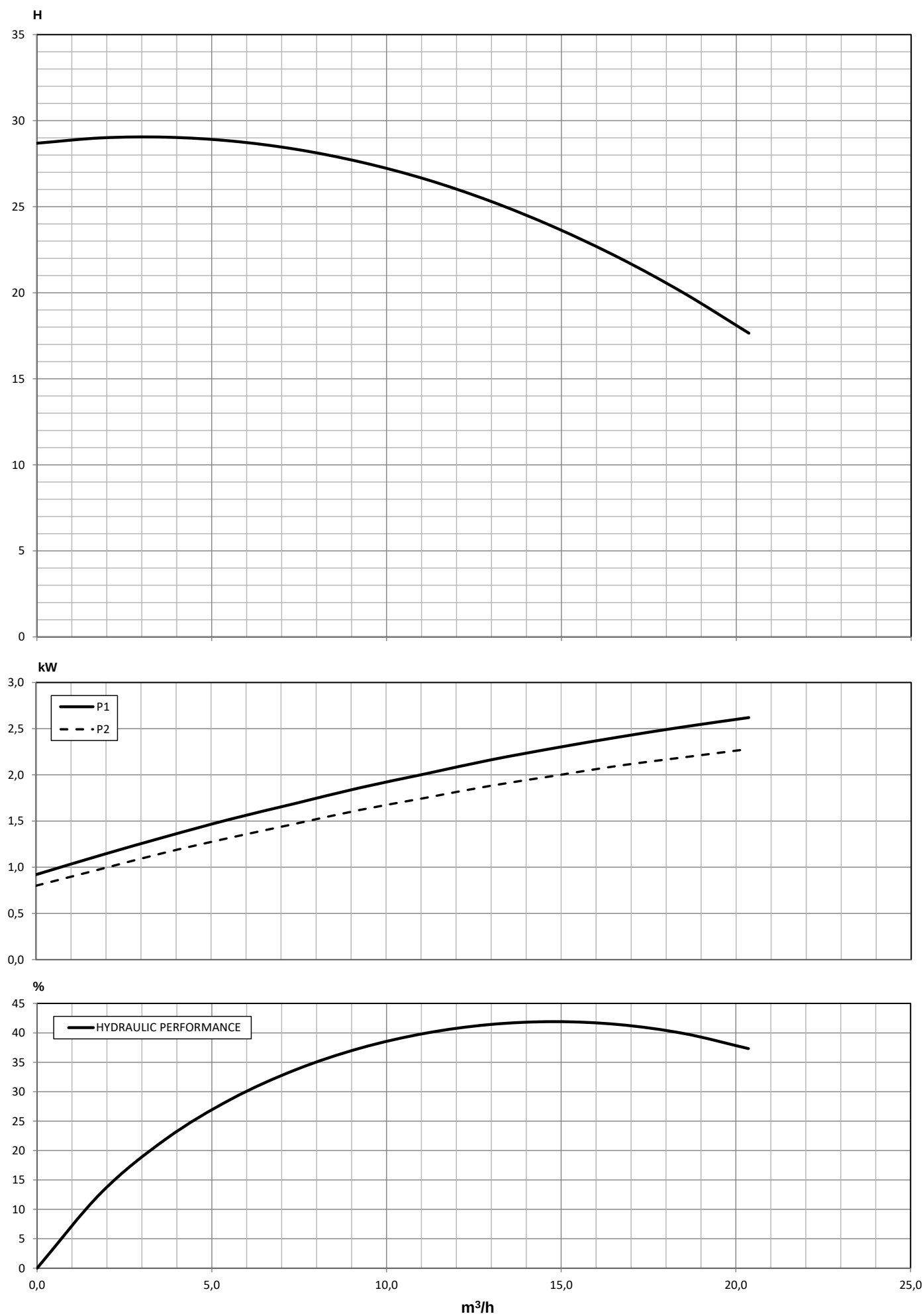
PUMP	HF-2 308
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DATE	Periodic re-testing is carried out annually in January to verify continued compliance
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NOMINAL DATA					
Qmax:	20 m3/h	Hmax:	29 m	Speed:	2900 rpm
Voltage:	400 V	Current:	5,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,91 m	Fluid Temp:	21,8 °C
Suction Size:	DN 65	Drive Size:	DN 32	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	30,18	0,00	28,69	0,00	2.916	396	1,73	0,78	921
2	1,85	1,41	30,39	0,02	29	12,92	2.909	400	2,12	0,77	1.130
3	3,70	1,34	30,3	0,08	29,04	22,01	2.895	402	2,49	0,77	1.328
4	5,55	1,26	29,9	0,18	28,82	28,72	2.893	402	2,84	0,77	1.516
5	7,40	1,18	29,21	0,31	28,34	33,73	2.877	403	3,17	0,76	1.692
6	9,25	1,1	28,21	0,49	27,6	37,40	2.869	400	3,48	0,77	1.857
7	11,11	1,03	26,91	0,71	26,6	39,93	2.861	399	3,77	0,77	2.012
8	12,96	0,95	25,32	0,96	25,33	41,42	2.854	398	4,04	0,77	2.155
9	14,81	0,87	23,42	1,26	23,8	41,90	2.846	397	4,29	0,78	2.288
10	16,66	0,79	21,22	1,59	22,02	41,40	2.838	396	4,51	0,78	2.409
11	18,51	0,72	18,72	1,96	19,97	39,89	2.831	401	4,72	0,77	2.519
12	20,36	0,64	15,92	2,37	17,65	37,32	2.823	402	4,91	0,77	2.619



Curves according ISO 9906 Annex A regulation