

PUMP	CF-4 400
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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:	78 m3/h	Hmax:	16 m	Speed:	1450 rpm
Voltage:	400 V	Current:	6,9 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,96 m	Fluid Temp:	21,8 °C
Suction Size:	DN 80	Drive Size:	DN 65	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	17,13	0,00	15,64	0,00	1.457	396	2,26	0,78	1.206
2	7,51	1,28	17,01	0,01	15,74	21,19	1.451	403	2,84	0,76	1.517
3	15,02	1,08	16,75	0,05	15,72	35,49	1.451	403	3,39	0,76	1.809
4	22,53	0,87	16,34	0,10	15,58	45,83	1.446	397	3,90	0,78	2.082
5	30,04	0,66	15,79	0,18	15,31	53,52	1.447	402	4,38	0,77	2.336
6	37,55	0,45	15,09	0,28	14,91	59,21	1.443	398	4,82	0,77	2.572
7	45,06	0,25	14,23	0,41	14,4	63,27	1.433	398	5,23	0,77	2.788
8	52,56	0,04	13,23	0,56	13,76	65,86	1.429	402	5,60	0,77	2.986
9	60,07	-0,17	12,09	0,73	12,99	67,07	1.431	397	5,93	0,78	3.164
10	67,58	-0,38	10,8	0,92	12,1	66,91	1.426	403	6,23	0,76	3.324
11	75,09	-0,58	9,36	1,14	11,09	65,35	1.420	403	6,49	0,76	3.465
12	82,60	-0,79	7,78	1,38	9,95	62,32	1.418	396	6,72	0,78	3.587

