

PUMP	CF-2 400
-------------	-----------------

DATE	Periodic re-testing is carried out annually in January to verify continued compliance
-------------	---

NOMINAL DATA					
Qmax:	70 m ³ /h	Hmax:	20 m	Speed:	2900 rpm
Voltage:	400 V	Current:	6,9 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm ³]	In/Out Diff:	1,06 m	Fluid Temp:	19,3 °C
Suction Size:	DN 80	Drive Size:	DN 80	Ambient Temp:	17 °C

PUMP PERFORMANCE TESTING REPORT											
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m ³ /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	21,46	0,00	19,97	0,00	2.914	396	2,09	0,78	1.116
2	6,65	1,31	21,47	0,00	20,16	25,28	2.907	400	2,70	0,77	1.442
3	13,30	1,12	21,15	0,00	20,03	41,47	2.897	401	3,27	0,77	1.747
4	19,95	0,94	20,51	0,00	19,57	52,33	2.885	402	3,80	0,77	2.029
5	26,60	0,76	19,53	0,00	18,78	59,36	2.879	402	4,29	0,77	2.288
6	33,25	0,57	18,23	0,00	17,66	63,24	2.871	397	4,73	0,78	2.525
7	39,90	0,39	16,61	0,00	16,22	64,22	2.861	396	5,14	0,78	2.740
8	46,55	0,2	14,65	0,00	14,45	62,37	2.857	401	5,50	0,77	2.933
9	53,20	0,02	12,37	0,00	12,35	57,59	2.851	401	5,81	0,77	3.103
10	59,85	-0,16	9,76	0,00	9,92	49,70	2.842	402	6,09	0,77	3.250
11	66,50	-0,35	6,83	0,00	7,17	38,43	2.832	398	6,33	0,77	3.375
12	73,15	-0,53	3,56	0,00	4,09	23,41	2.827	399	6,52	0,77	3.478

