

PUMP	CF-4 2500
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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:	390 m3/h	Hmax:	22 m	Speed:	1450 rpm
Voltage:	400 V	Current:	39 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,92 m	Fluid Temp:	21,7 °C
Suction Size:	DN 150	Drive Size:	DN 125	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	23,98	0,00	22,49	0,00	1.462	396	16,75	0,78	8.938
2	37,94	1,19	23,89	0,02	22,72	22,21	1.459	396	19,78	0,78	10.553
3	75,87	0,89	23,5	0,08	22,68	38,83	1.451	396	22,59	0,78	12.053
4	113,81	0,6	22,81	0,18	22,39	51,57	1.443	402	25,19	0,77	13.439
5	151,75	0,3	21,83	0,31	21,84	61,27	1.441	399	27,57	0,77	14.711
6	189,68	0	20,54	0,49	21,03	68,37	1.438	400	29,74	0,77	15.869
7	227,62	-0,3	18,97	0,70	19,96	73,08	1.437	399	31,69	0,77	16.912
8	265,55	-0,6	17,09	0,95	18,64	75,44	1.435	402	33,44	0,77	17.841
9	303,49	-0,89	14,91	1,25	17,05	75,44	1.423	396	34,96	0,78	18.656
10	341,43	-1,19	12,43	1,58	15,21	72,94	1.421	396	36,27	0,78	19.356
11	379,36	-1,49	9,66	1,95	13,1	67,78	1.420	396	37,37	0,78	19.943
12	417,30	-1,79	6,59	2,36	10,74	59,69	1.419	396	38,26	0,78	20.414

