

PUMP	CF-2 300
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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:	61 m3/h	Hmax:	18 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:	1,06 m	Fluid Temp:	21,2 °C
Suction Size:	DN 80	Drive Size:	DN 80	Ambient Temp:	24,8 °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	19,46	0,00	17,97	0,00	2.914	396	1,26	0,78	675
2	5,93	1,33	19,46	0,00	18,13	32,48	2.906	399	1,69	0,77	900
3	11,86	1,16	19,17	0,00	18,01	52,16	2.899	402	2,09	0,77	1.113
4	17,78	1	18,61	0,00	17,61	64,77	2.885	400	2,46	0,77	1.315
5	23,71	0,84	17,76	0,00	16,92	72,55	2.882	402	2,82	0,77	1.504
6	29,64	0,67	16,63	0,00	15,96	76,48	2.871	397	3,15	0,78	1.682
7	35,57	0,51	15,22	0,00	14,72	77,02	2.862	400	3,46	0,77	1.848
8	41,50	0,34	13,53	0,00	13,19	74,34	2.855	402	3,75	0,77	2.002
9	47,42	0,18	11,56	0,00	11,38	68,45	2.850	403	4,02	0,76	2.144
10	53,35	0,02	9,31	0,00	9,29	59,28	2.837	401	4,26	0,77	2.275
11	59,28	-0,15	6,78	0,00	6,92	46,64	2.837	398	4,49	0,77	2.393
12	65,21	-0,31	3,96	0,00	4,27	30,31	2.827	400	4,68	0,77	2.500

