

PUMP	CF-4 750
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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:	125 m3/h	Hmax:	16 m	Speed:	1450 rpm
Voltage:	400 V	Current:	12 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,19 m	Fluid Temp:	20,4 °C
Suction Size:	DN 100	Drive Size:	DN 80	Ambient Temp:	21,5 °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	17,88	0,00	16,39	0,00	1.462	396	4,10	0,78	2.187
2	11,94	1,28	17,92	0,01	16,65	20,47	1.452	403	4,95	0,76	2.641
3	23,89	1,07	17,79	0,05	16,77	35,40	1.455	397	5,77	0,78	3.077
4	35,83	0,86	17,48	0,12	16,74	46,70	1.450	402	6,55	0,77	3.494
5	47,77	0,65	17,01	0,21	16,58	55,34	1.439	398	7,29	0,77	3.892
6	59,72	0,44	16,37	0,33	16,27	61,85	1.441	402	8,01	0,77	4.272
7	71,66	0,22	15,57	0,47	15,82	66,53	1.437	401	8,68	0,77	4.633
8	83,60	0,01	14,6	0,64	15,22	69,56	1.432	400	9,33	0,77	4.976
9	95,55	-0,2	13,45	0,84	14,49	71,03	1.427	401	9,93	0,77	5.300
10	107,49	-0,41	12,14	1,06	13,61	70,96	1.422	400	10,51	0,77	5.606
11	119,43	-0,62	10,66	1,31	12,59	69,37	1.420	401	11,04	0,77	5.893
12	131,38	-0,83	9	1,59	11,42	66,23	1.419	399	11,55	0,77	6.161

