

PUMP	CF-2 750
-------------	-----------------

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

NOMINAL DATA					
Qmax:	159 m3/h	Hmax:	21 m	Speed:	2900 rpm
Voltage:	400 V	Current:	12,5 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,06 m	Fluid Temp:	21,9 °C
Suction Size:	DN 125	Drive Size:	DN 100	Ambient Temp:	27,6 °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	22,36	0,00	20,87	0,00	2.914	396	3,84	0,78	2.048
2	15,21	1,32	21,91	0,01	20,6	31,50	2.901	401	5,07	0,77	2.704
3	30,41	1,15	21,22	0,03	20,1	50,03	2.894	398	6,23	0,77	3.323
4	45,62	0,97	20,27	0,08	19,37	61,57	2.891	397	7,32	0,78	3.903
5	60,82	0,8	19,07	0,14	18,41	68,49	2.883	403	8,33	0,76	4.446
6	76,03	0,63	17,63	0,22	17,22	71,89	2.871	399	9,28	0,77	4.952
7	91,24	0,46	15,94	0,31	15,79	72,31	2.864	402	10,16	0,77	5.419
8	106,44	0,29	13,99	0,43	14,14	69,97	2.861	396	10,96	0,78	5.849
9	121,65	0,11	11,81	0,56	12,25	64,94	2.845	400	11,70	0,77	6.241
10	136,86	-0,06	9,37	0,71	10,13	57,19	2.843	402	12,36	0,77	6.595
11	152,06	-0,23	6,69	0,87	7,78	46,58	2.838	399	12,95	0,77	6.912
12	167,27	-0,4	3,75	1,05	5,21	32,93	2.826	402	13,48	0,77	7.191

