

PUMP	VERT CF-4 552
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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:	122 m3/h	Hmax:	13 m	Speed:	1450 rpm
Voltage:	400 V	Current:	9,2 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,19 m	Fluid Temp:	21,3 °C
Suction Size:	DN 100	Drive Size:	DN 80	Ambient Temp:	25,3 °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	14,54	0,00	13,05	0,00	1.458	396	3,15	0,78	1.681
2	11,28	1,29	14,55	0,01	13,27	20,21	1.455	396	3,78	0,78	2.014
3	22,56	1,09	14,41	0,05	13,36	35,14	1.447	396	4,37	0,78	2.333
4	33,84	0,89	14,11	0,11	13,33	46,51	1.443	396	4,94	0,78	2.637
5	45,12	0,69	13,67	0,19	13,17	55,20	1.445	396	5,48	0,78	2.927
6	56,40	0,49	13,08	0,29	12,88	61,69	1.442	396	6,00	0,78	3.202
7	67,68	0,29	12,33	0,42	12,46	66,25	1.433	396	6,49	0,78	3.462
8	78,96	0,09	11,44	0,57	11,92	69,02	1.430	396	6,95	0,78	3.707
9	90,24	-0,1	10,39	0,75	11,25	70,07	1.431	400	7,38	0,77	3.938
10	101,52	-0,3	9,19	0,95	10,45	69,42	1.427	399	7,79	0,77	4.155
11	112,79	-0,5	7,85	1,17	9,52	67,04	1.419	398	8,16	0,77	4.357
12	124,07	-0,7	6,35	1,42	8,47	62,89	1.415	397	8,52	0,78	4.544

