

PUMP	VERT CF-4 300
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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:	55 m3/h	Hmax:	15 m	Speed:	1450 rpm
Voltage:	400 V	Current:	5,3 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	1,07 m	Fluid Temp:	21,9 °C
Suction Size:	DN 65	Drive Size:	DN 50	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	16,94	0,00	15,45	0,00	1.458	396	1,21	0,78	648
2	5,33	1,27	16,82	0,02	15,57	25,00	1.452	397	1,69	0,78	903
3	10,66	1,04	16,5	0,08	15,53	39,38	1.451	402	2,14	0,77	1.144
4	15,99	0,82	15,99	0,17	15,34	48,68	1.451	401	2,57	0,77	1.370
5	21,32	0,6	15,28	0,30	14,98	54,90	1.446	402	2,97	0,77	1.582
6	26,65	0,38	14,37	0,47	14,47	58,90	1.441	403	3,34	0,76	1.780
7	31,98	0,15	13,27	0,68	13,8	61,09	1.437	398	3,68	0,77	1.964
8	37,31	-0,07	11,97	0,92	12,96	61,65	1.433	397	4,00	0,78	2.134
9	42,64	-0,29	10,47	1,21	11,97	60,66	1.429	396	4,29	0,78	2.289
10	47,97	-0,52	8,78	1,53	10,82	58,11	1.426	401	4,55	0,77	2.430
11	53,30	-0,74	6,88	1,89	9,51	53,95	1.422	402	4,79	0,77	2.556
12	58,63	-0,96	4,8	2,28	8,05	48,07	1.418	402	5,00	0,77	2.668

