

DOMEL  
Zelezniki

VACUUM CLEANER MOTOR PERFORMANCE

22 Feb 2005

Code	: 497.3.270-765	Working order number	: 101351
Voltage/Frequency	: 230/50 V/Hz	Request number	: 02190205
Stator winding	: 42/0.63	Number	: 1
Armature winding	:	Absolute pressure	: 94.93 kPa
Brushes	:	Ambient temperature	: 23.21 °C
Weight	: 2260 g	Correction factor	: 1.0521

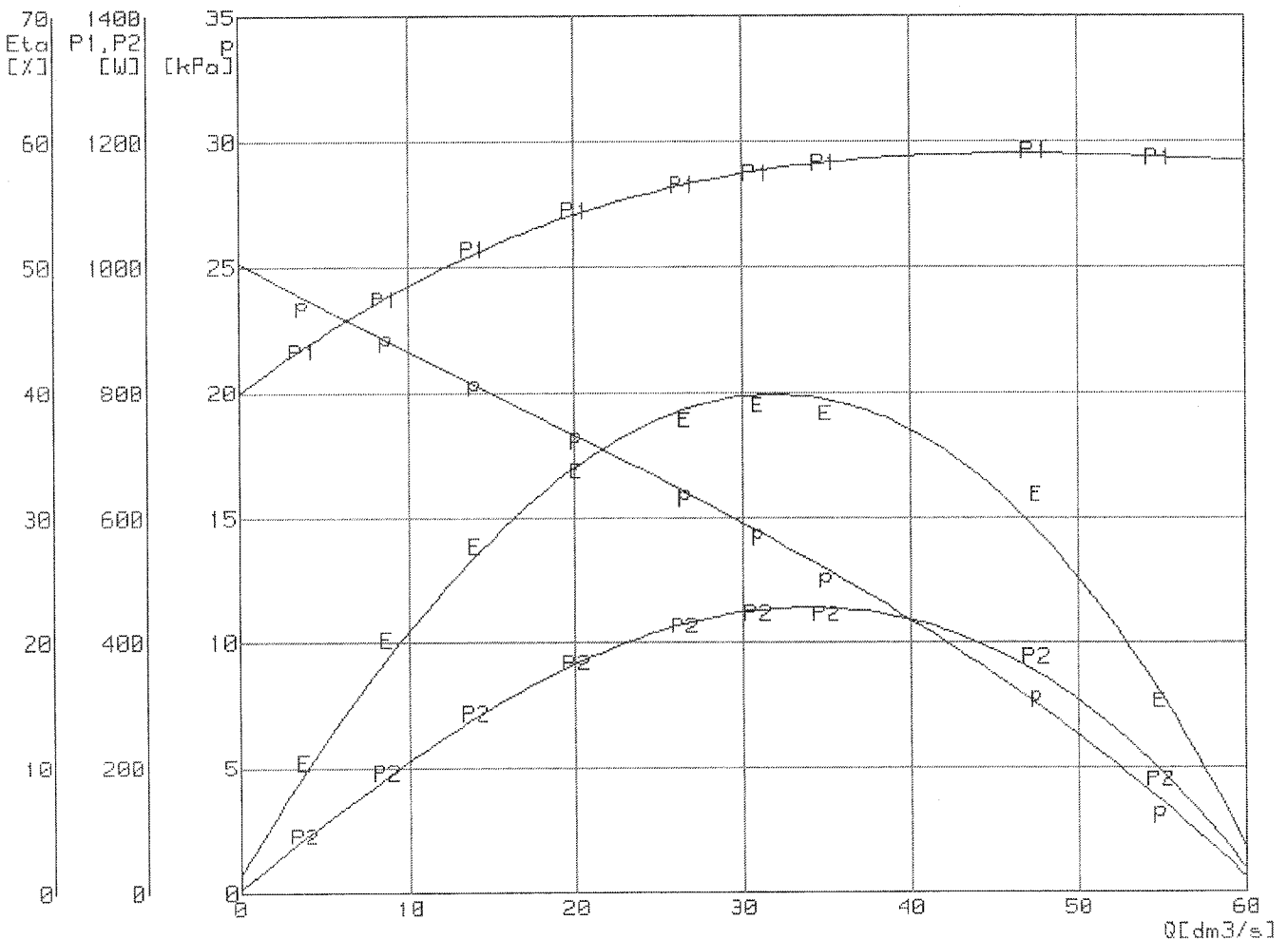
Pf=1161.82 W, Pi= 815.50 W, Pm= 988.66 W  
PC-ECM-KEMPER-redna serija 065

Orifice mm	Current A	Input Pow. W	Speed /min	Pressure kPa	Air Flow dm <sup>3</sup> /s	Air Pow. W	Effic. %
40.00	7.23	1173.14		3.27	54.90	179.30	15.28
30.00	7.29	1183.54		7.92	47.55	376.52	31.81
23.00	7.17	1164.42		12.72	35.02	445.51	38.26
21.00	7.08	1148.82		14.43	30.98	447.16	38.92
19.00	6.96	1128.82		16.00	26.62	425.92	37.73
16.00	6.72	1089.38		18.27	20.09	367.00	33.69
13.00	6.36	1026.68		20.38	13.97	284.75	27.74
10.00	5.90	948.20		22.19	8.63	191.56	20.20
6.50	5.42	864.28		23.56	3.80	89.50	10.36
0.00	5.07	802.64		25.27	0.00	0.00	0.00

P1max = 1183.54 W  
P2max = 447.16 W  
pmax = 25.27 kPa  
Qmax = 61.75 dm<sup>3</sup>/s  
Etamax = 38.92 %

Measured in accordance  
with : IEC 60312

Measured by : *Ivan Krmelj*  
Ivan Krmelj



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Code : 497.3.270-765  
 Voltage/Frequency : 230/50 V/Hz  
 Stator winding : 42/0.63  
 Armature winding :  
 Brushes :  
 Weight : 2260 g

Working order number : 101351  
 Request number : 02190205  
 Number : 2  
 Absolute pressure : 94.92 kPa  
 Ambient temperature : 23.10 °C  
 Correction factor : 1.0519

Pf=1166.70 W, Pi= 734.70 W, Pm= 950.70 W  
 PC-ECM-KEMPER-redna serija 065

Orifice mm	Current A	Input Pow. W	Speed /min	Pressure kPa	Air Flow dm3/s	Air Pow. W	Effic. %
40.00	7.24	1179.56		3.35	55.57	186.08	15.78
30.00	7.35	1198.98		7.97	47.71	380.46	31.73
23.00	7.20	1174.70		12.81	35.14	450.14	38.32
21.00	7.08	1153.32		14.53	31.08	451.67	39.16
19.00	6.93	1127.96		16.00	26.61	425.77	37.75
16.00	6.58	1065.26		17.97	19.94	358.43	33.65
13.00	6.07	977.16		19.78	13.79	272.84	27.92
10.00	5.52	880.10		21.28	8.48	180.41	20.50
6.50	5.02	795.82		22.44	3.72	83.47	10.49
0.00	4.63	727.24		23.86	0.00	0.00	0.00

P1max = 1198.98 W  
 P2max = 451.67 W  
 pmax = 23.86 kPa  
 Qmax = 62.63 dm3/s  
 Etamax = 39.16 %

Measured in accordance  
 with : IEC 60312

Measured by : Ivan Krmelj