



VACUUM CLEANER MOTOR PERFORMANCE

Tested in accordance with IEC 60312, alternative B

Domel d.d. Otoki 21
4228 Železniki, Slovenia

Code	499.3.701-2
Voltage (V)	230V
Frequency (Hz)	50Hz
Customer	EHA-Vacspare
Working Order Number	256069
Request Number	05120410
Number	No.1
Test Date&Time	21.04.2010 07:39:50
Vacuum Cleaner	
Stator Winding	133/0,80
Armature Winding	16/0,50
Brushes	HG 25
Weight	3340
Remarks	
Source Results File	D:\Razvojni laboratorij\meritve_test\499\05120410 VCMP 499.3.701-2 No.1_21.04.2010_07.39.50 256069.tdms

Ambient temperature [°C]= 25,54 Humidity [%]= 28,03 Absolute pressure [kPa]= 96,22 Warmup time [min]= 8 Tout [°C]= 26,7

Orifice (mm)	Current (A)	Input Power (W)	Speed (/min)	Vacuum (kPa)	Air Flow (dm ³ /s)	Air Power (W)	Efficiency (%)
50,0	8,2	1792,0	20027,7	1,7	61,5	102,4	5,7
40,0	8,1	1784,8	20089,2	3,8	58,9	222,4	12,5
30,0	7,9	1744,0	20372,1	9,3	51,2	473,6	27,2
23,0	7,5	1660,6	21064,5	16,3	39,2	637,4	38,4
21,0	7,4	1637,3	21283,5	18,5	34,7	641,7	39,2
19,0	7,1	1580,3	21779,4	21,0	30,0	629,0	39,8
16,0	6,7	1493,5	22648,8	24,0	22,6	543,0	36,4
13,0	6,3	1406,0	23616,0	26,4	15,6	411,5	29,3
10,0	5,8	1300,5	24776,4	27,4	9,5	259,3	19,9
6,5	5,3	1195,6	26093,4	28,8	4,1	119,2	10,0
0,0	5,0	1121,5	27169,5	29,8	0,0	0,0	0,0

Normal operation according to IEC 60355-2-2:
 Pf (W)= 1774,03
 Pi (W)= 1147,87
 Pm (W)= 1460,95

Last Minute Comment:
 Measured by:
 Ivan Krmelj

At orifice 0 measured after 20 seconds

Maximum measured values:

Input power= 1792,01 W Air power= 641,68 W Vacuum= 29,83 kPa Air flow= 61,46 dm³/s Efficiency= 39,8 %



