



VACUUM CLEANER MOTOR PERFORMANCE

Domel d.o.o. Otoki 21
4228 Železniki, Slovenia

Tested in accordance with IEC 62885-2:2021, alternative B

Code	759.3.204-10
Voltage (V)	36V
Frequency (Hz)	DC
Customer	BRÜLISAUBER
Working Order Number	1255930
Request Number	1252112023
Number	No.1
Test Date&Time	22.01.2024 09:32:48
Vacuum Cleaner	
Stator Winding	19,5/0,95
Armature Winding	
Brushes	
Weight	390
Remarks	elek.CMS Domel-76-10-760-53F-V0.1; PWM-100%_ID:ad192389-f796-4d6e-8e88-2d477f71fdd4
Source Results File	C:\Datoteke_laboratorij\Meritve_test\759\1252112023 VCOMP 759.3.204-10 No.1_22.01.2024_09.32.48 1255930.tdms

Ambient temperature [°C]= 23,34 Humidity [%]= 21,73 Absolute pressure [kPa]= 97,58 Warmup time [min]= 8 Tout [°C]= 30,66

Quantities: Input Power, Speed, Vacuum, Air Flow, Air Power and Efficiency calculated according to IEC 62885-2:2021.

Orifice (mm)	Current (A)	Input Power (W)	Speed (/min)	Vacuum (kPa)	Air Flow (dm ³ /s)	Air Power (W)	Efficiency (%)
50,0	19,60	712,13	NaN	1,75	62,94	109,97	15,44
40,0	20,08	729,61	NaN	3,75	58,75	220,34	30,20
30,0	20,47	741,80	NaN	7,58	46,56	352,91	47,57
23,0	20,39	742,19	NaN	11,66	33,63	391,98	52,81
21,0	20,11	730,77	NaN	12,75	29,26	373,18	51,07
19,0	19,61	713,35	NaN	13,84	24,91	344,72	48,32
16,0	18,70	679,15	NaN	15,52	18,66	289,67	42,65
13,0	17,54	636,94	NaN	17,26	12,98	224,01	35,17
10,0	16,09	582,53	NaN	18,51	7,97	147,54	25,33

Normal operation according to IEC 60335-2-2 (measured values):

Pf (W)= 0

Pi (W)= 0

Pm (W)= 0

Last Minute Comment:

Measured by:
Miha Tavcar

At orifice 10 measured after 30 seconds

Maximum values:

Input power= 742,19 W Air power= 391,98 W Vacuum= 18,51 kPa Air flow= 62,94 dm³/s Efficiency= 52,81 %

