

M2D068-CF02-07 ebmpapst Datasheet FansCo

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**Nominal data**

<b>Type</b>	<b>M2D068-CF02-07</b>	
<b>Motor</b>	<b>M2D068-CF</b>	
Nominal voltage	VAC	380
Connection		Y
Frequency	Hz	50
Type of data definition		me
Valid for approval / standard		CE
Speed	min <sup>-1</sup>	2600
Power input	W	90
Power output	W	57
Current draw	A	0.17
Rated torque	Ncm	21
Medium start-up torque	Ncm	48.5
Max. ambient temperature	°C	70
Starting current	A	0.46

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations

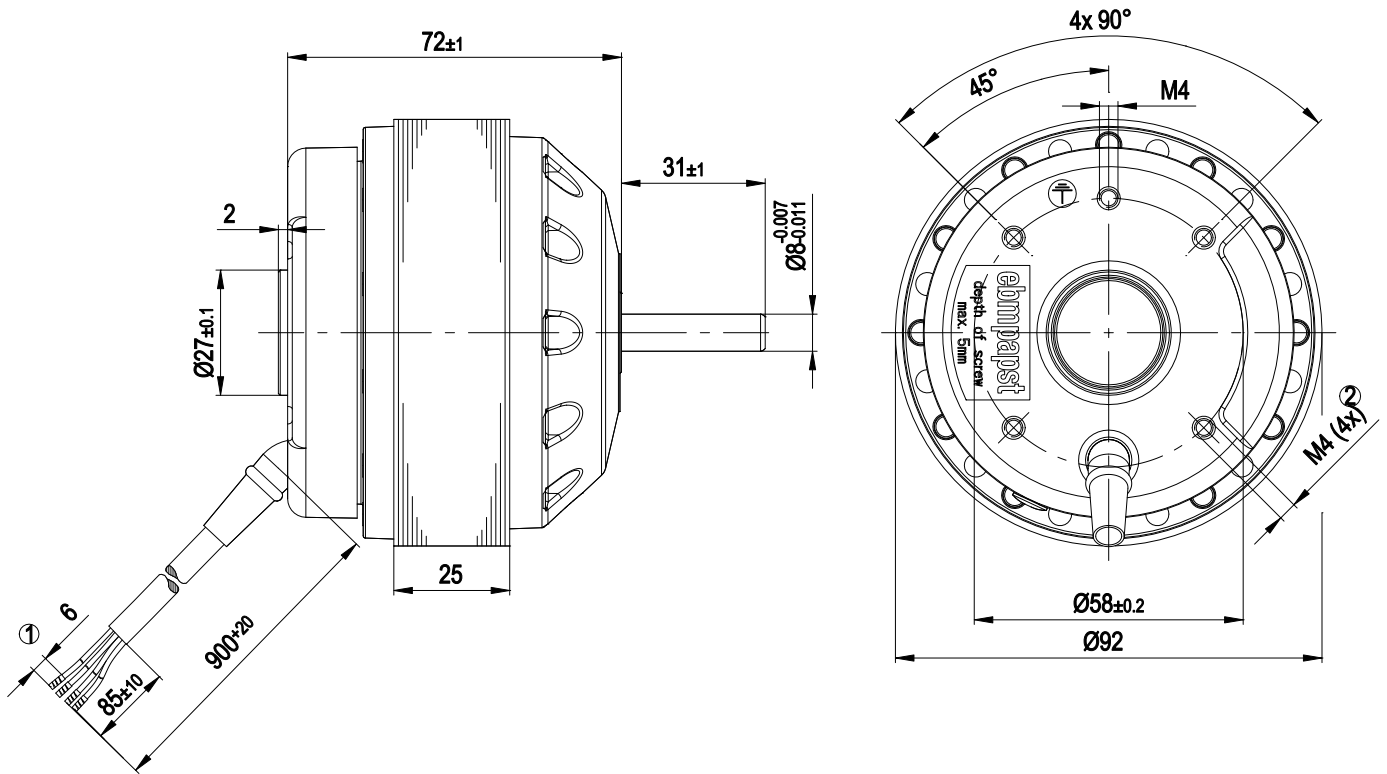


**Technical features**

<b>Mass</b>	1.5 kg
<b>Size</b>	68 mm
<b>Surface of rotor</b>	Coated in black
<b>Direction of rotation</b>	Clockwise, seen on rotor
<b>Type of protection</b>	IP 44; Depending on installation and position
<b>Insulation class</b>	"B"
<b>Humidity class</b>	F0
<b>Max. permissible ambient motor temp. (transp./ storage)</b>	+ 80 °C
<b>Min. permissible ambient motor temp. (transp./storage)</b>	- 40 °C
<b>Mounting position</b>	Shaft horizontal or rotor on top; rotor on bottom on request
<b>Condensate discharge holes</b>	None
<b>Operation mode</b>	S1
<b>Motor bearing</b>	Ball bearing
<b>Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)</b>	< 0.75 mA
<b>Cable exit</b>	Axial
<b>Protection class</b>	I (if protective earth is connected by customer)
<b>Product conforming to standard</b>	EN 60335-1



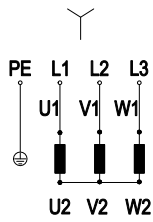
Product drawing



- |   |                                                                         |
|---|-------------------------------------------------------------------------|
| 1 | Connection line PVC 4G 0.5 mm <sup>2</sup> , 4x brass lead tips crimped |
| 2 | Depth of screw max. 5 mm                                                |



## Connection screen



Y	Star connection	L1	black	L2	blue
L3	brown	PE	green/yellow		

## Charts: Speed

