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**Nominal data**

Type	M4E068-DF01-01		
Motor	M4E068-DF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		me	me
Valid for approval / standard		CE	CE
Speed	min <sup>-1</sup>	1300	1450
Power input	W	100	132
Power output	W	50	67
Current draw	A	0.44	0.58
Rated torque	Ncm	36	44
Medium start-up torque	Ncm	25	27
Motor capacitor	µF	3	3
Capacitor voltage	VDB	450	450
Capacitor standard		P0 (CE)	P0 (CE)
Max. ambient temperature	°C	70	40
Starting current	A	0.7	0.66

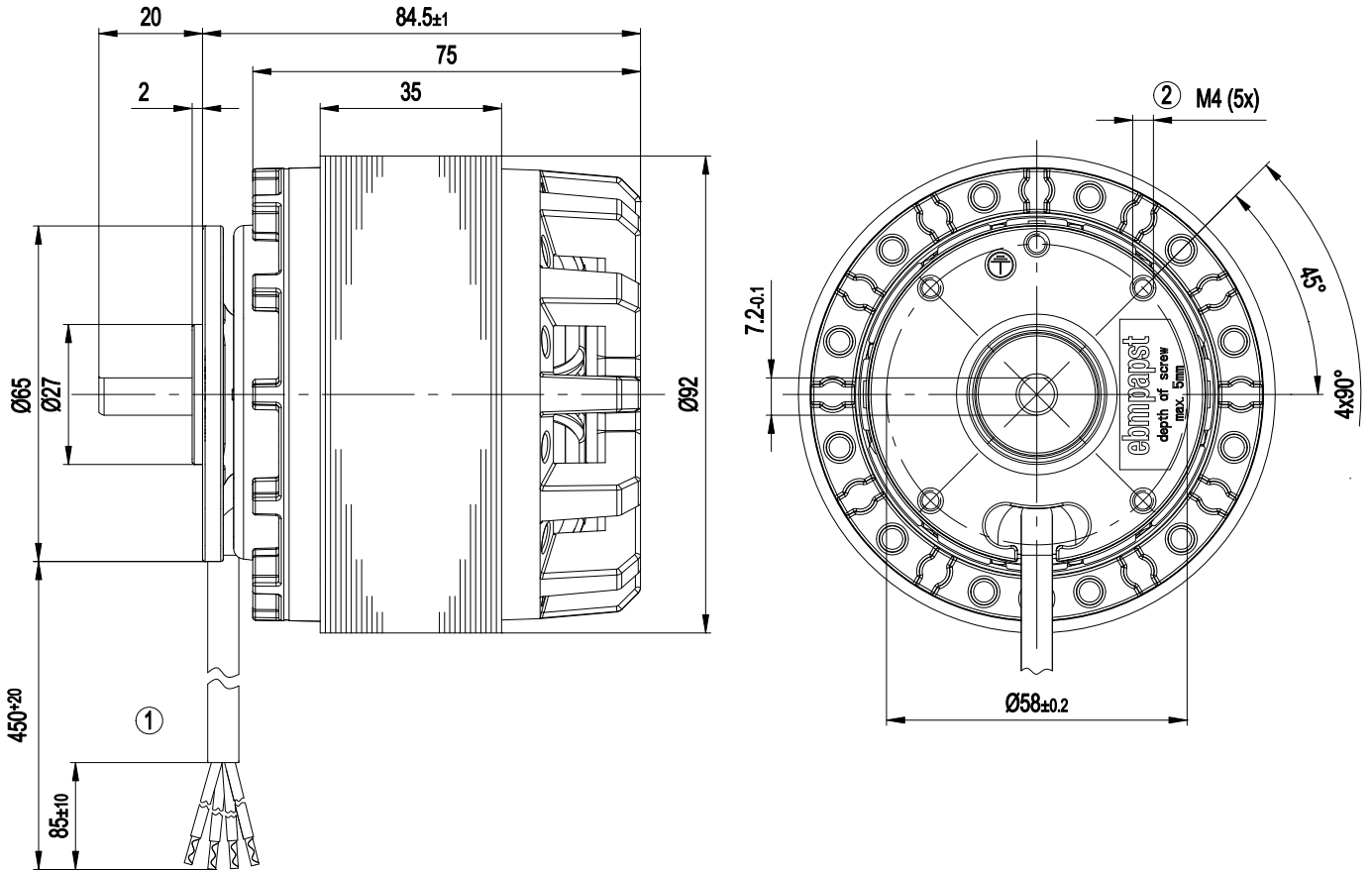
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit  
 Subject to alterations



### Technical features

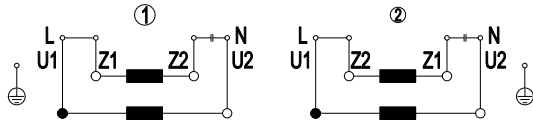
<b>Mass</b>	1.8 kg
<b>Size</b>	68 mm
<b>Surface of rotor</b>	Coated in black
<b>Direction of rotation</b>	Right and left
<b>Type of protection</b>	IP 00
<b>Insulation class</b>	"B"
<b>Humidity class</b>	F0
<b>Max. permissible ambient motor temp. (transp./ storage)</b>	+ 80 °C
<b>Min. permissible ambient motor temp. (transp./storage)</b>	- 40 °C
<b>Mounting position</b>	Any
<b>Condensate discharge holes</b>	None, open rotor
<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>Degree of soiling</b>	2
<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 4X 0.5 mm <sup>2</sup> ; 4x brass lead tips crimped |
| 2 | Depth of screw max. 5mm   |

### Connection screen



Single-phase AC motor with operating capacitor

1	Clockwise operation
2	Anti-clockwise operation
U1	black
U2	grey
Z1	blue
Z2	brown

## Charts: Speed

