AC motor

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Nominal data

Type	**M6E068-EC10-09**
Motor	**M6E068-EC**

Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	60
Type of data definition		me
Valid for approval / standard		CE
Speed	min^{-1}	1050
Power input	W	148
Power output	W	75
Current draw	A	0.65
Rated torque	Ncm	75
Medium start-up torque	Ncm	45
Motor capacitor	µF	4
Capacitor voltage	VDB	450
Max. ambient temperature	°C	-
Starting current	A	0.97

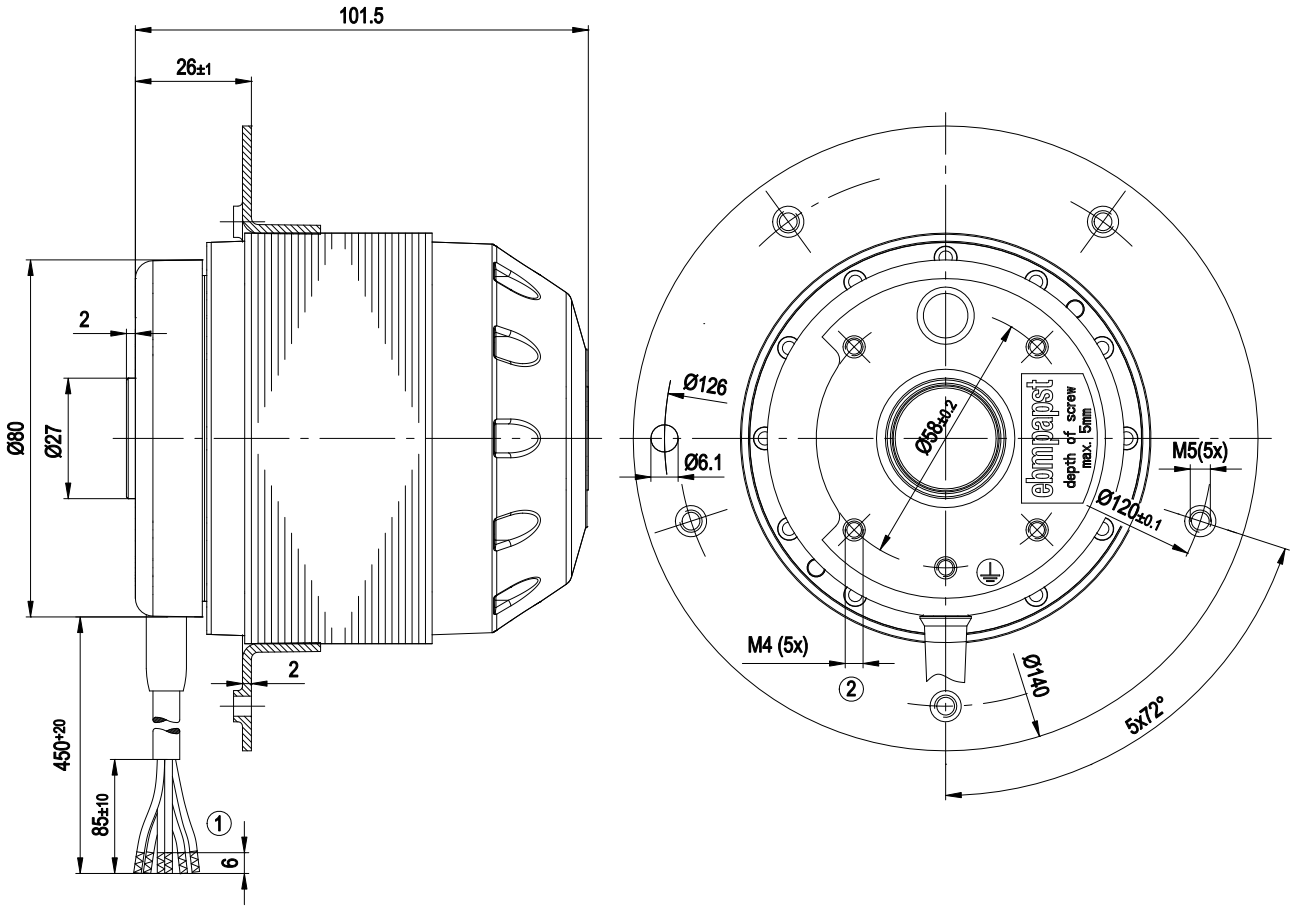
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Technical features

Mass	2.45 kg
Size	68 mm
Surface of rotor	Coated in black
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 44; Depending on installation and position as per EN 60034-5
Insulation class	"B"
Humidity class	F1-2
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensate discharge holes	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) brought out
Cable exit	Lateral
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE

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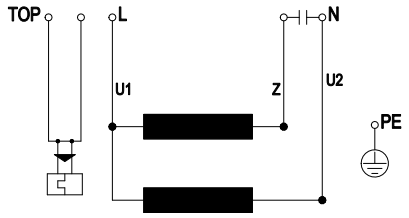
Product drawing



1	Connection line PVC 6 x 0.5 mm²; 6 x brass lead tips crimped
2	Depth of screw max. 3 mm

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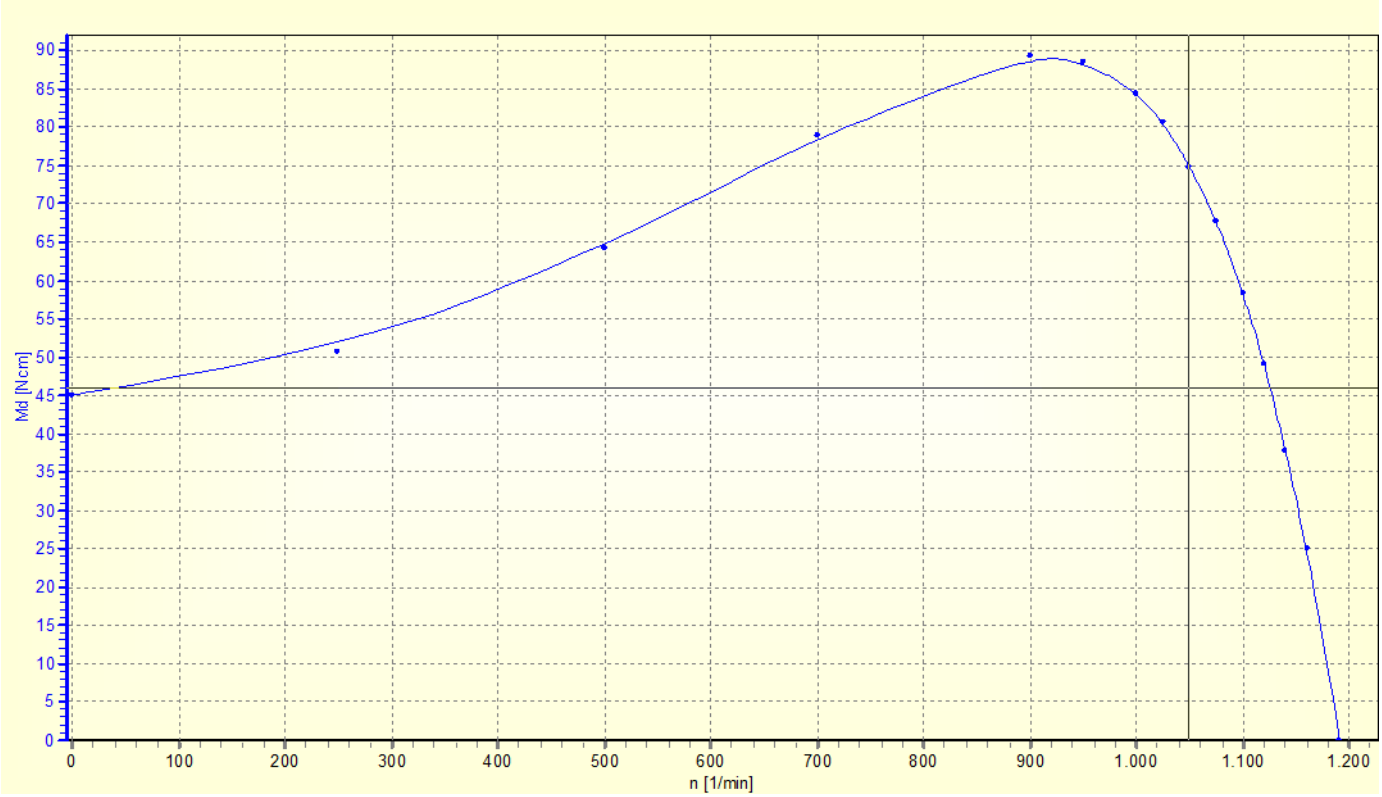
Connection screen



TOP	2 x grey	U1	blue	Z	brown
U2	black	PE	green / yellow		

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Charts: Speed



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