AC motor

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Nominal data

Type	**M2D068-CF02-07**
Motor	**M2D068-CF**

Nominal voltage	VAC	380
Wiring		Y
Frequency	Hz	50
Method of obtaining data		me
Valid for approval/standard		CE
Speed (rpm)	min^{-1}	2600
Power consumption	W	90
Power output	W	57
Current draw	A	0.17
Rated torque	Ncm	21
Mean starting torque	Ncm	48.5
Max. ambient temperature	°C	70
Starting current	A	0.46

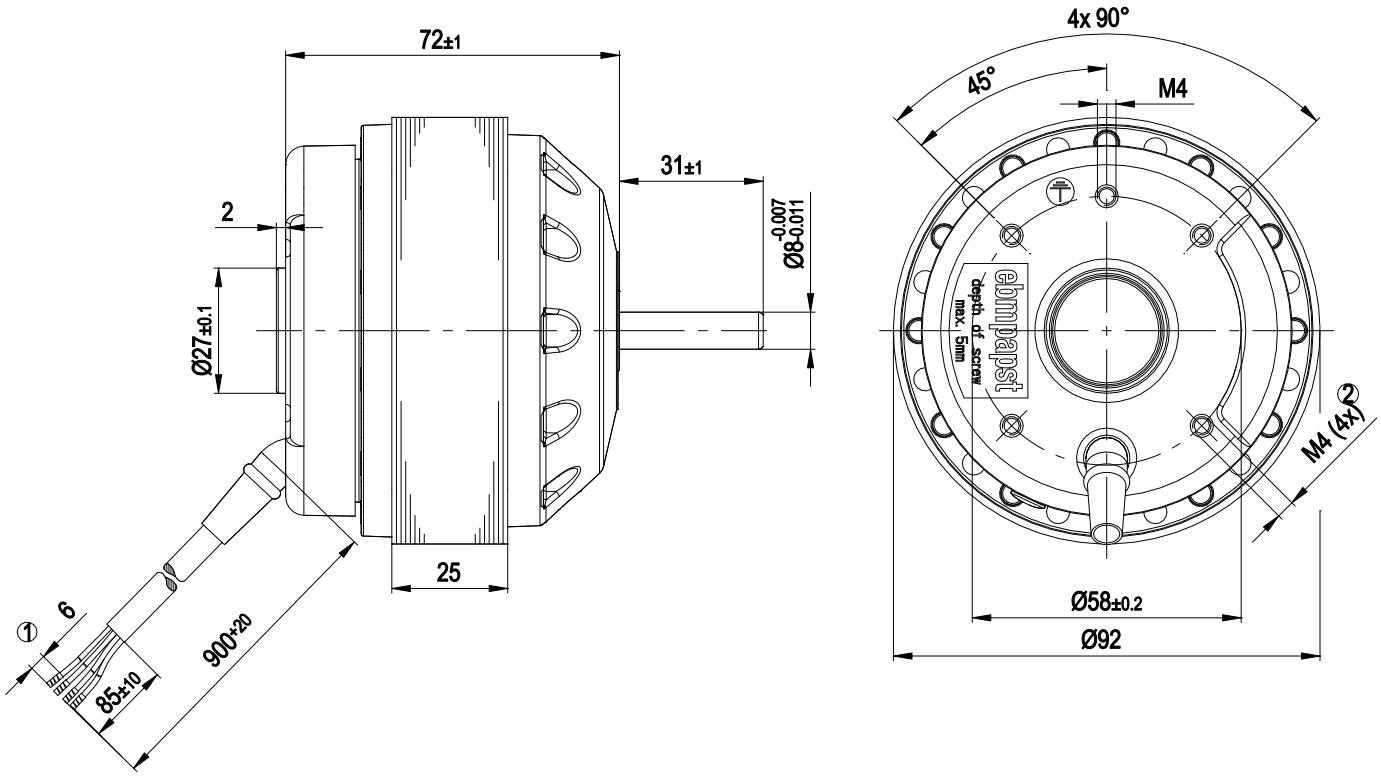
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

AC motor

Technical description

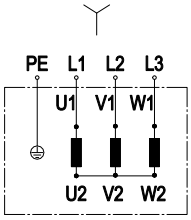
Weight	1.5 kg
Motor size	68
Rotor surface	Painted black
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	H0 - dry environment
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Shaft horizontal or rotor on top; rotor on bottom on request
Condensation drainage holes	None
Mode	S1
Motor mounting	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
With cable	Axial
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1

Product drawing



1	Cable PVC 4G 0.5 mm², 4x crimped splices
2	Max. clearance for screw 5 mm

Connection diagram



Change of rotation direction by reversing two phases

	Three-phase motor	Y	Star connection	L1	black
L2	blue	L3	brown	PE	green/yellow

Curves: Speed (rpm)