AC motor

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Nominal data

Type	**M2E068-DF05-14**
Motor	**M2E068-DF**

Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		me
Valid for approval/standard		CE
Speed (rpm)	min^{-1}	2400
Power consumption	W	175
Power output	W	84
Current draw	A	0.77
Capacitor	µF	4
Capacitor voltage	VDB	400
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	-
Starting current	A	1.2

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

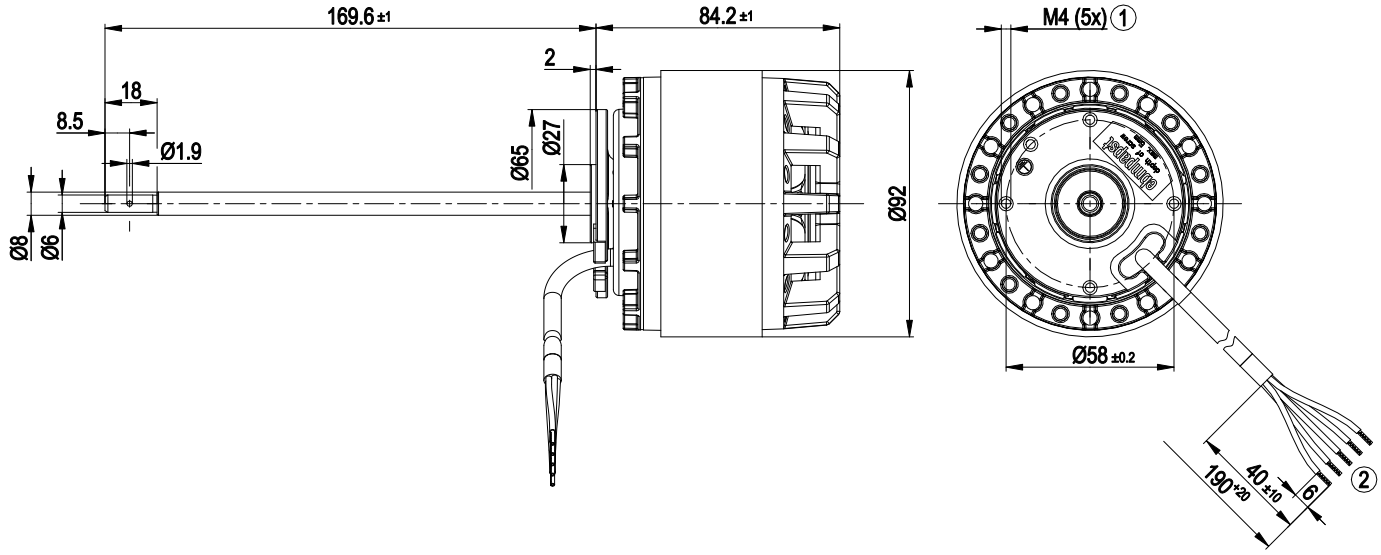
Technical description

Weight	1.9 kg
Fan size	68 mm
Rotor surface	Rotor open, painted black
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP00
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H0+
Max. permitted ambient temp. for motor (transport/storage)	- 40 °C
Min. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Installation position	Any
Condensation drainage holes	None, open rotor
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) with basic insulation
With cable	Lateral
Protection class	I (if protective earth is connected by customer to the housing's connection point)
Conformity with standards	EN 60335-1; CE

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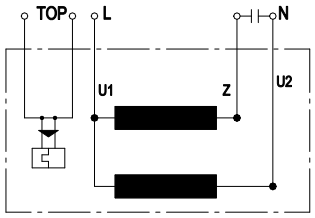
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Product drawing



1	Max. clearance for screw 5 mm
2	Cable AWG20, 5x crimped splices

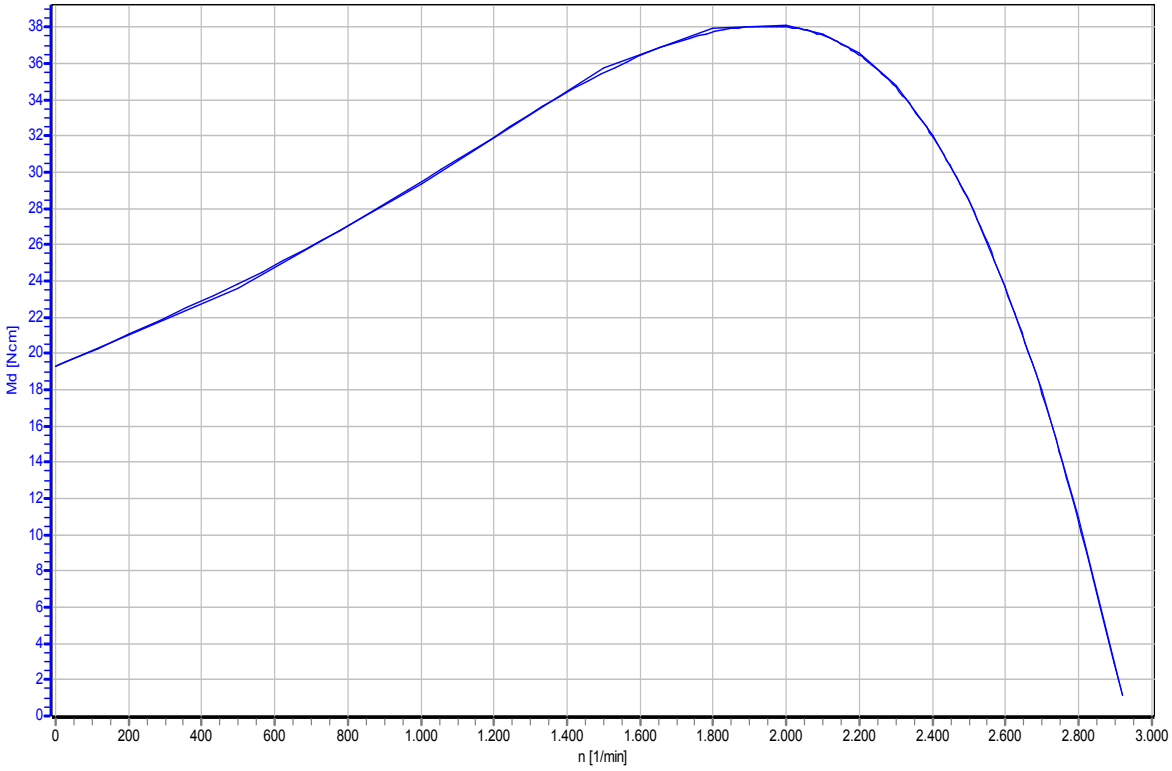
Connection diagram



U1	blue	Z	brown	U2	black
TOP	2x gray				

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Curves: Speed (rpm)



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