AC motor

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Nominal data

Type	**M2E068-DF65-03**
Motor	**M2E068-DF**

Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Method of obtaining data		me	me
Valid for approval/standard		CE	CE
Speed (rpm)	min^{-1}	2500	3100
Power consumption	W	92	85
Power output	W	50	54
Current draw	A	0.45	0.37
Rated torque	Ncm	19	16.6
Mean starting torque	Ncm	11	10.7
Capacitor	µF	2	2
Capacitor voltage	VDB	400	400
Min. ambient temperature	°C	-25	-25
Max. ambient temperature	°C	60	80
Starting current	A	0.85	0.8

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

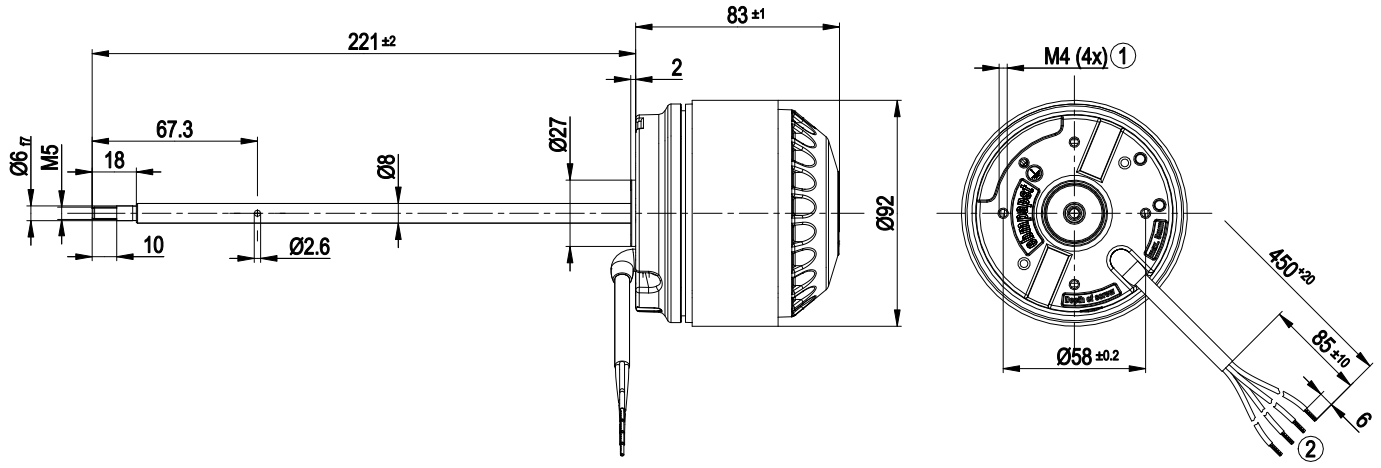
Technical description

Weight	2 kg
Fan size	68 mm
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	F2-2
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
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) internally connected
With cable	Lateral
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE
Approval	EAC

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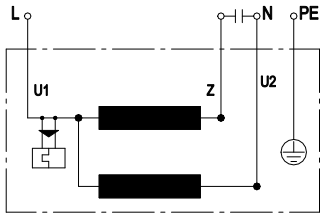
AC motor

Product drawing



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

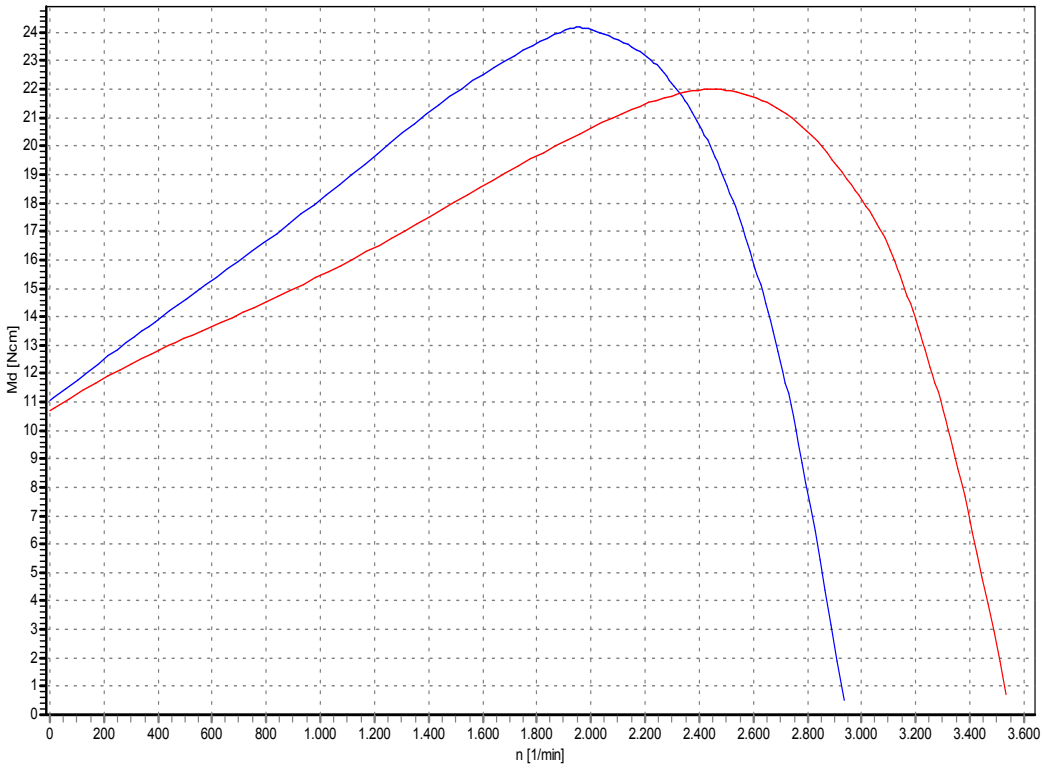
Connection diagram



U1	blue	Z	brown	U2	black
PE	green/yellow				

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Curves: Speed (rpm)



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