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Amtsgericht (court of registration) Stuttgart · HRA 590344

General partner Elektrobau Mulfingen GmbH · Headquarters Mulfingen

Amtsgericht (court of registration) Stuttgart · HRB 590142

Nominal data

Type	M2E068-DF13-79	
Motor	M2E068-DF	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Method of obtaining data		me
Valid for approval/standard		CE
Speed (rpm)	min ⁻¹	3000
Power consumption	W	120
Power output	W	70
Current draw	A	1.15
Rated torque	Ncm	23
Mean starting torque	Ncm	13
Capacitor	µF	12
Capacitor voltage	VDB	220
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	55

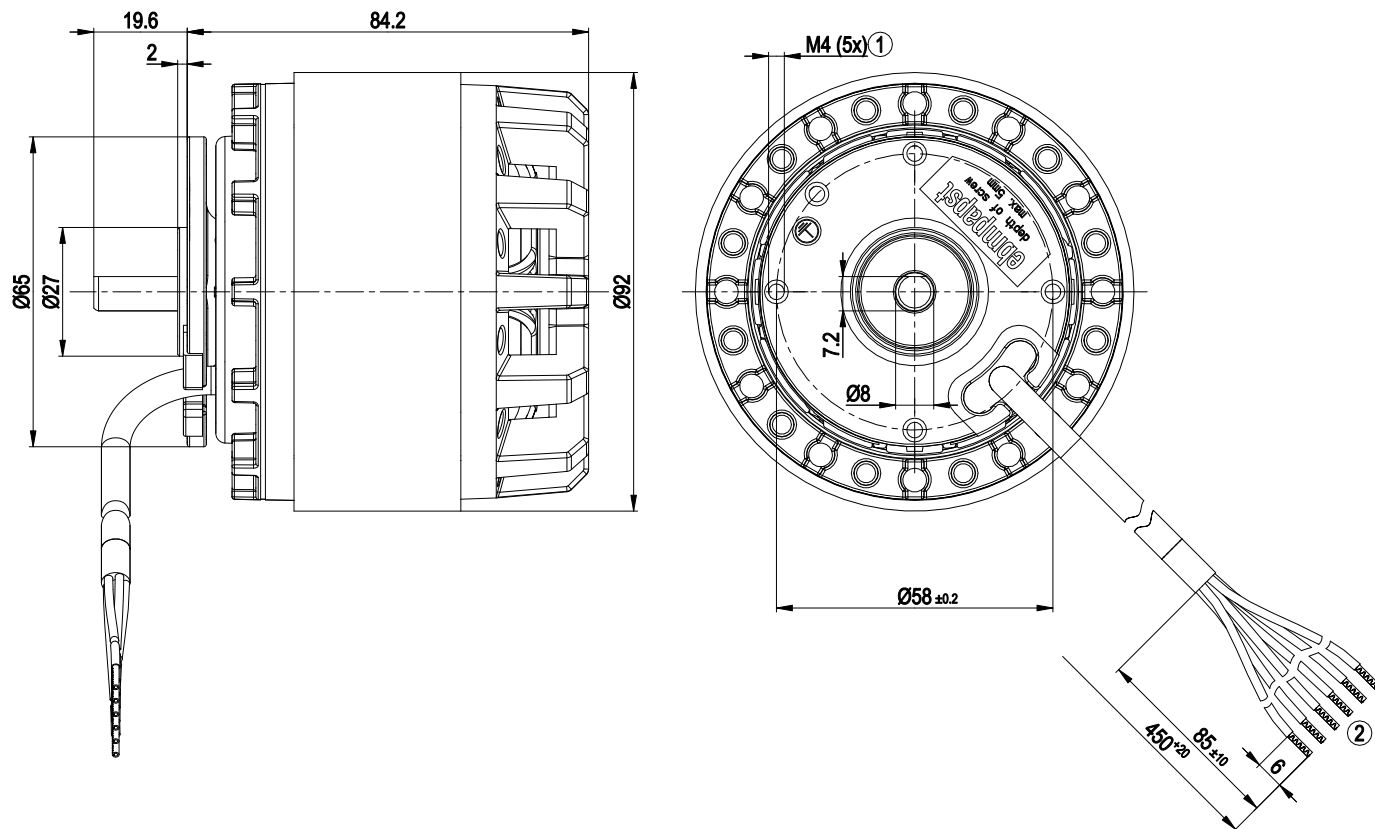
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

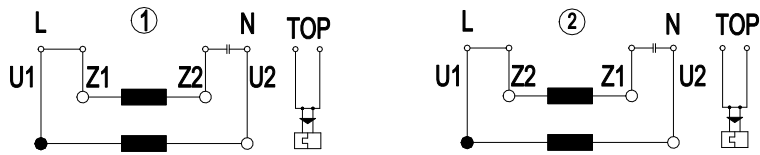
Weight	1.9 kg
Fan size	68 mm
Rotor surface	Rotor open, painted black
Direction of rotation	Right and left
Degree of protection	IP00
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	H0 - dry environment
Max. permitted ambient temp. for motor (transport/storage)	- 40 °C
Min. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Installation position	Any
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
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE

Product drawing



- | | |
|---|---------------------------------|
| 1 | Max. clearance for screw 5 mm |
| 2 | Cable AWG20, 6x crimped splices |

Connection diagram



1	Clockwise operation
2	Counterclockwise operation
U1	black
U2	gray
Z1	blue
Z2	brown
TOP	2x white

Curves: Speed (rpm)

