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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	M4E068-CF01-40	
Motor	M4E068-CF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		me
Valid for approval/standard		CE
Speed (rpm)	min ⁻¹	1250
Power consumption	W	68
Power output	W	28
Current draw	A	0.33
Capacitor	µF	2
Capacitor voltage	VDB	400
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	40
Starting current	A	0.45

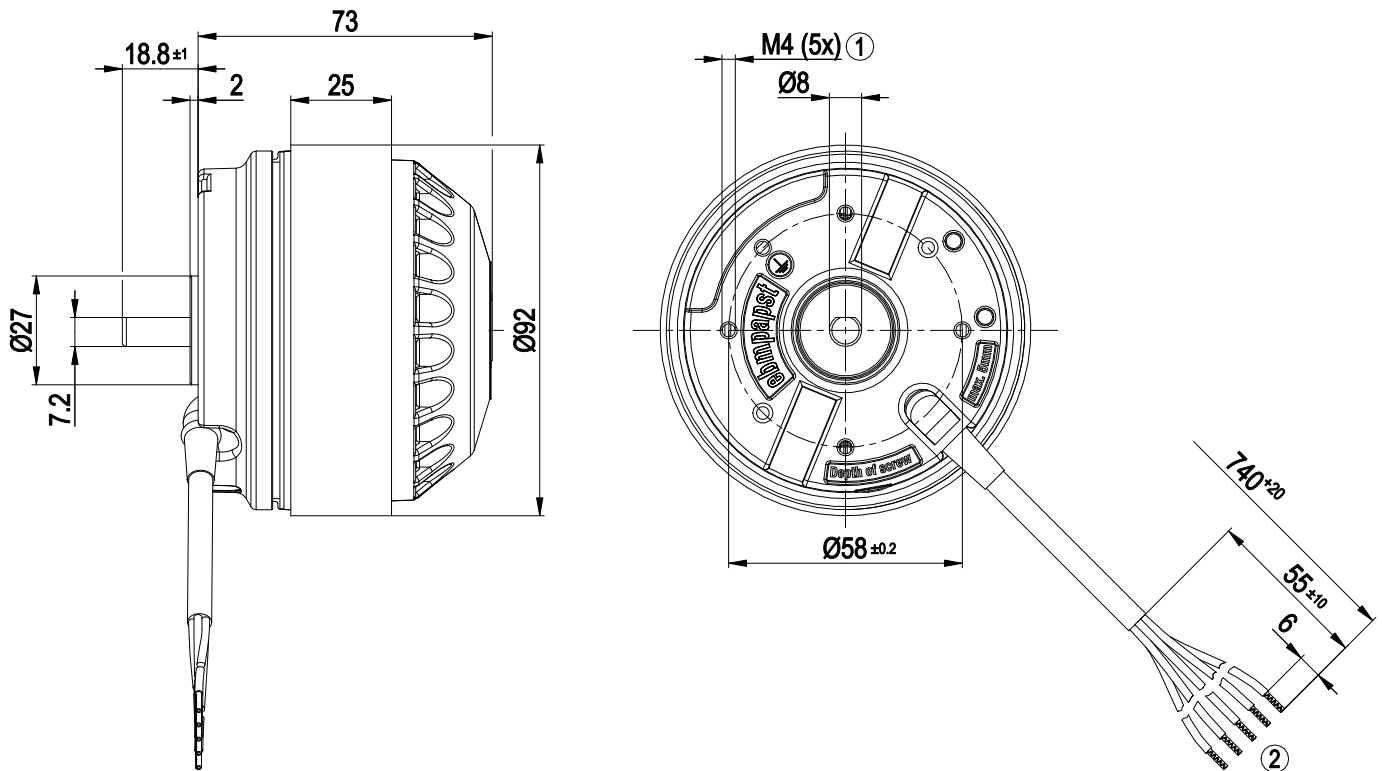
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

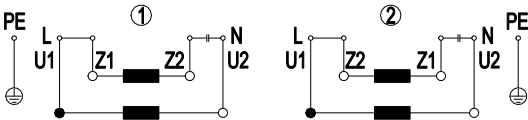
Weight	1.5 kg
Motor size	68
Rotor surface	Painted black
Direction of rotation	Right and left
Degree of protection	IP44; installation- and position-dependent
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	H1
Max. permitted ambient temp. for motor (transport/storage)	+ 70 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing with low-temperature lubricant
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
With cable	Variable
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1, motor does not have factory-installed overheating protection

Product drawing



1	Cable PVC 5G 0.5 mm ²
	5x splice
2	Max. clearance for screw 5 mm

Connection diagram



Single-phase AC motor with motor run capacitor

1	Clockwise operation
2	Counterclockwise operation
U1	black
U2	gray
Z1	blue
Z2	brown
PE	green/yellow



Curves: Speed (rpm)

