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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	M4Q045-BD01-75		
Motor	M4Q045-BD		
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	1300	1550
Power consumption	W	29	26
Power output	W	5	5
Current draw	A	0.19	0.17
Rated torque	Ncm	3	3
Mean starting torque	Ncm	2.2	1.7
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	40	40
Starting current	A	0.25	0.22

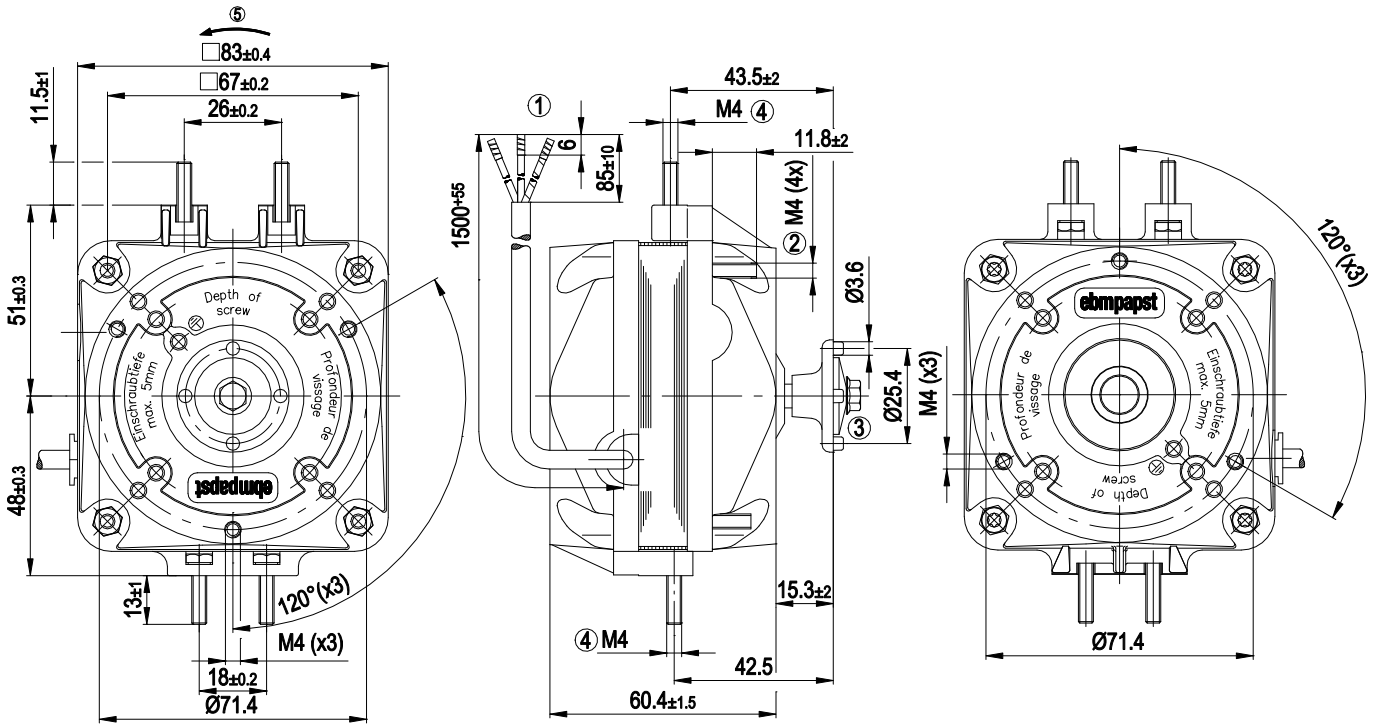
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

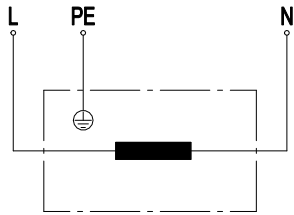
Weight	0.9 kg
Motor size	45
Bearing shield material	Die-cast aluminum
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP42; IP20 if not all openings are sealed by the customer
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H1
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Shaft horizontal
Condensation drainage holes	None
Mode	S1
Motor bearing	Calotte bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Impedance protection
With cable	Lateral
Protection class assignment	I; If a protective earth is connected by the customer This component for installation may have several local protection classes. This information relates to this component's basic design. The final protection class is based on the component's intended installation and connection.
Conformity with standards	EN 60034-1; EN 60204-1; EN 60335-1; EN 60335-2-89; CE; UKCA
Approval	VDE; EAC

Product drawing



1	Cable PVC 3G 0.5 mm ²
	3x splice
2	Tightening torque for nut, for fastening fan housing or guard grill 2.3 Nm
3	Tightening torque for screw, for fastening fan impeller 1.4 Nm
4	Tightening torque for nut, for fastening mounting bracket 2.3 Nm
5	Direction of rotation counterclockwise, viewed toward shaft end

Connection diagram



L	blue	PE	green/yellow	N	brown
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Curves: Speed (rpm)

