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General partner Elektrobau Mulfingen GmbH · Headquarters Mulfingen

Amtsgericht (court of registration) Stuttgart · HRB 590142

**Nominal data**

<b>Type</b>	<b>M4Q045-EA01-75</b>		
<b>Motor</b>	<b>M4Q045-EA</b>		
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 <sup>-1</sup>	1300	1550
Power consumption	W	90	80
Power output	W	25	26
Current draw	A	0.62	0.55
Rated torque	Ncm	18.5	16
Mean starting torque	Ncm	8.5	6.5
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	40	40

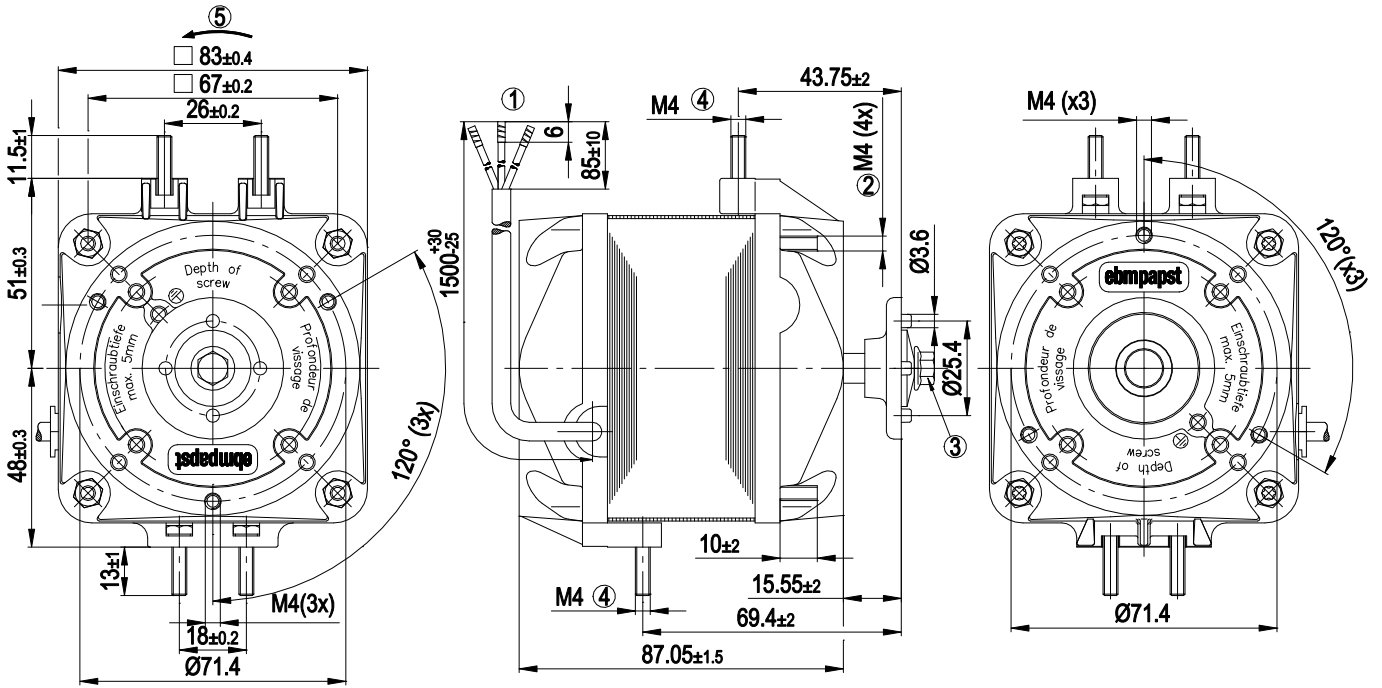
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment  
 Subject to change



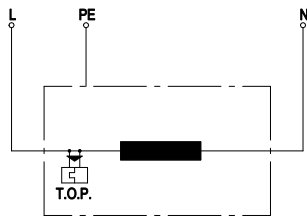
### Technical description

<b>Weight</b>	2 kg
<b>Motor size</b>	45
<b>Bearing shield material</b>	Die-cast aluminum
<b>Direction of rotation</b>	Counterclockwise, viewed toward rotor
<b>Degree of protection</b>	IP20
<b>Insulation class</b>	"B"
<b>Moisture (F) / Environmental (H) protection class</b>	H1
<b>Max. permitted ambient temp. for motor (transport/storage)</b>	+ 80 °C
<b>Min. permitted ambient temp. for motor (transport/storage)</b>	- 40 °C
<b>Installation position</b>	Any, preferably horizontal
<b>Condensation drainage holes</b>	None
<b>Mode</b>	S1
<b>Motor bearing</b>	Calotte bearing
<b>Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)</b>	< 0.75 mA
<b>Motor protection</b>	Thermal overload protector (TOP) internally connected
<b>With cable</b>	Lateral
<b>Protection class</b>	I (with customer connection of protective earth)
<b>Conformity with standards</b>	EN 60335-1; CE
<b>Approval</b>	VDE; EAC

Product drawing



1	Cable PVC 3G 0.5 mm <sup>2</sup> , 3x crimped splices
2	Tightening torque for nut for fastening fan housing or guard grille 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
TOP	= thermal overload protector

Curves: Speed (rpm)

