

M4Q045-EA01-01 ebmpapst Datasheet

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## Nominal data

Type	M4Q045-EA01-01		
Motor	M4Q045-EA		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		me	me
Valid for approval / standard		CE	CE
Speed	min <sup>-1</sup>	1300	1550
Power input	W	90	80
Power output	W	25	26
Current draw	A	0.62	0.55
Rated torque	Ncm	18.5	16
Medium start-up torque	Ncm	8.5	6.5
Min. ambient temperature	°C	-20	-20
Max. ambient temperature	°C	40	40
Starting current	A	0.9	0.75

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations

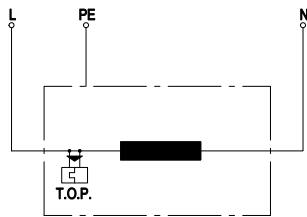


## Technical features

<b>Mass</b>	1.9 kg
<b>Size</b>	45 mm
<b>Surface of rotor</b>	Uncoated
<b>Material of end shield</b>	Die-cast aluminium
<b>Direction of rotation</b>	Counter-clockwise, seen on rotor
<b>Type of protection</b>	IP 42; Depending on installation and position
<b>Insulation class</b>	"B"
<b>Max. permissible ambient motor temp. (transp./ storage)</b>	+ 80 °C
<b>Min. permissible ambient motor temp. (transp./storage)</b>	- 40 °C
<b>Mounting position</b>	Shaft horizontal
<b>Condensate discharge holes</b>	None
<b>Operation mode</b>	S1
<b>Motor bearing</b>	Calotte bearing
<b>Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)</b>	< 0.75 mA
<b>Motor protection</b>	Thermal overload protector (TOP) wired internally
<b>Cable exit</b>	Lateral
<b>Protection class</b>	I (if protective earth is connected by customer)
<b>Product conforming to standard</b>	EN 60335-1; CE
<b>Approval</b>	VDE



## Connection screen



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector

Charts: Speed

