

M4Q045-DA01-75 ebmpapst Datasheet FansCo

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Nominal data

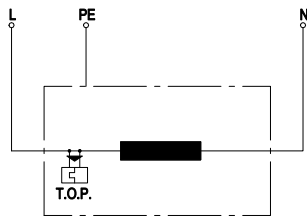
Type	M4Q045-DA01-75		
Motor	M4Q045-DA		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Method of obtaining data		me	me
Valid for approval/standard		CE	CE
Speed (rpm)	min ⁻¹	1300	1550
Power consumption	W	70	62
Power output	W	18	18
Current draw	A	0.48	0.42
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	-	-

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



Technical description

Weight	1.59 kg
Motor size	45
Bearing shield material	Die-cast aluminum
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP20
Insulation class	"B"
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	Thermal overload protector (TOP) internally connected
With cable	Lateral
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE
Approval	VDE; EAC

Connection diagram

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

Curves: Speed (rpm)

