

ebm-papst Ventilator (Xi'an) Co.,Ltd.

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Nominal data

Item	**8317085753**
Motor	**iQC3612-020427/A01**

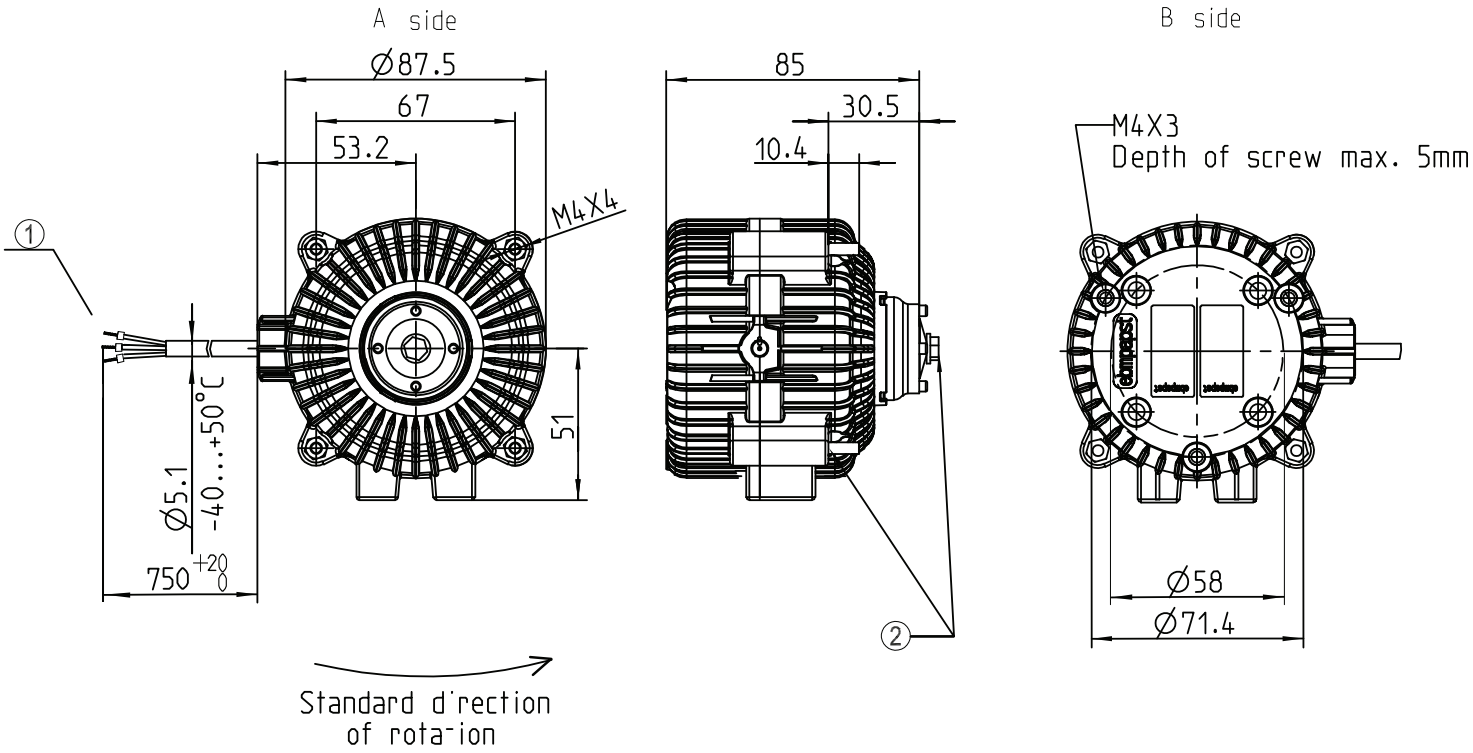
Phase		1~	1~
Nominal voltage	VAC	100-240	100-240
Frequency	Hz	50/60	50/60
Method of obtaining data		ml	ml
Speed (rpm)	min^{-1}	900	1300
Power consumption	W	18	20.6
Power output	W	7.4	10.7
Max.Current draw (Base on voltage)	A	0.19-0.29	0.20-0.35
Rated Torque	Ncm	7.8	7.8
Min. ambient temperature	°C	-40	-40
Max. ambient temperature	°C	50	50

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

Technical description

Weight	0.5 kg
Motor housing material	PBT
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP 65
Insulation class	"F"
Environmental (H) protection class	H1
Installation position	Any
Max. permitted ambient temp. for motor (transport/storage)	+ 70 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing
Protection class	II
EMC immunity to interference	According to EN 61000-6-2 (industrial environment)
EMC interference emission	According to EN 61000-6-3 (household environment)
Electrical hook-up	Power cables
Motor protection	Electronically protected
Conformity with standards	EN 60335-1, EN 60335-2-24, EN 60335-2-89; CE; CCC
Approval	UL 1004-1 + 1004-7; CSA C22.2 No. 77-14+ No.100
Fitting of attachments	Guard grille and wall ring are attached to the projecting thread ends on the A side
Mounting of axial impeller	A plastic adapter with catching peg and M4 screw is used to secure the impeller on the motor shaft

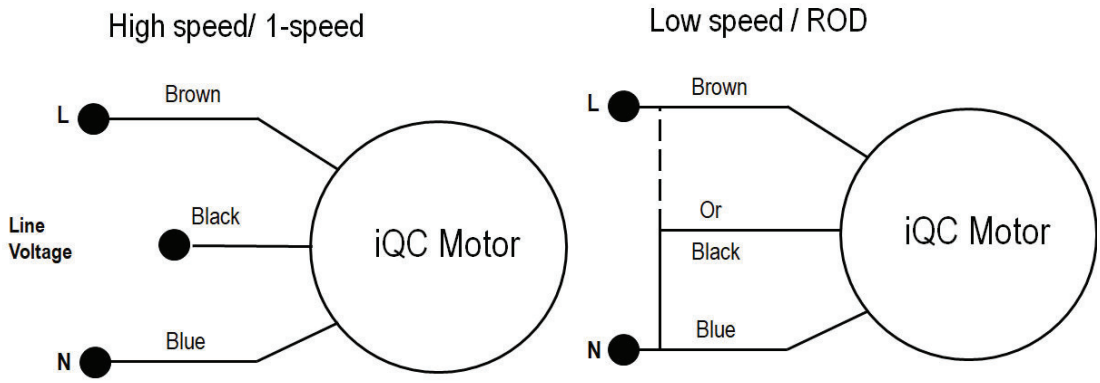
Product drawing



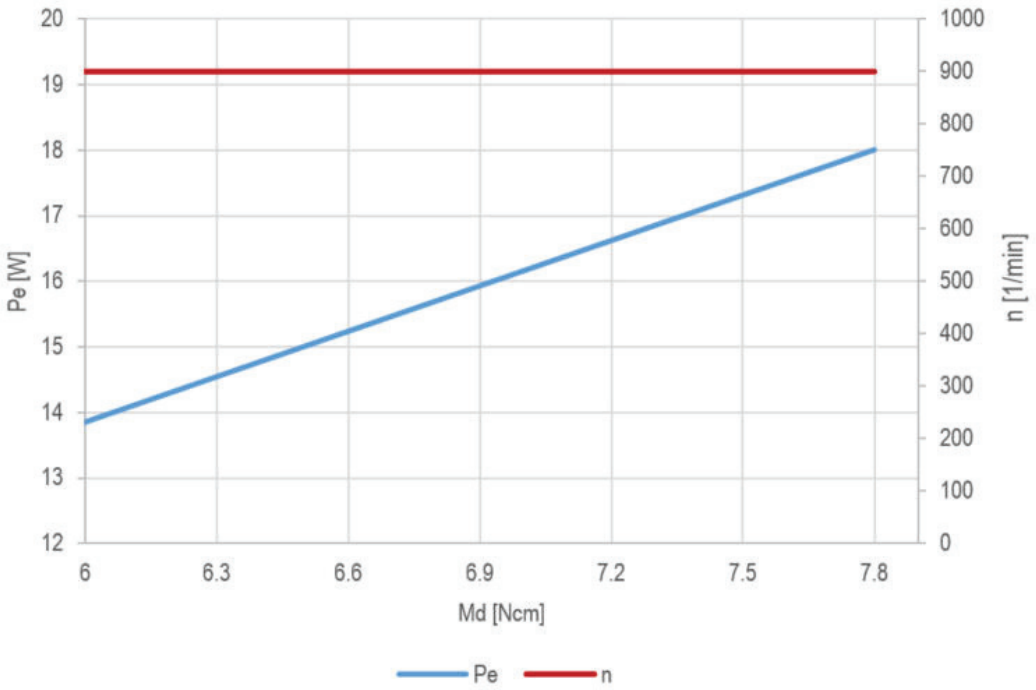
Item	Profile A: foot screws	Rear B:M4*3(Φ71.4)	Rear C:M4*4(Φ58)
02	NA	Y	NA

1	**Cable AWG22 (3x) ; KST:E0508(AWG22& Blue color)**
2	**Tightening torque 1.2±0.15Nm**

Connection diagram



Curves:Speed(900 rpm)



Curves:Speed(1300 rpm)

