

8317082954
DE036BRKXX0Z

iQ-one®
EC motor



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Nominal data

Article	8317082954		
Motor	DE036BRKXX0Z		
Phase		1~	1~
Nominal voltage	VAC	100...240	100...240
Frequency	Hz	50	60
Type of data definition		ml	ml
State		prelim.	Prelim.
Speed	min ⁻¹	1300	1550
Power input	W	11W	11W
Power output	W	5.1W	5.2W
Max.Current draw (Base on voltage)	A	0.18...0.09	0.18...0.09
Rated Torque	Ncm	3.67	3.08
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	40	40

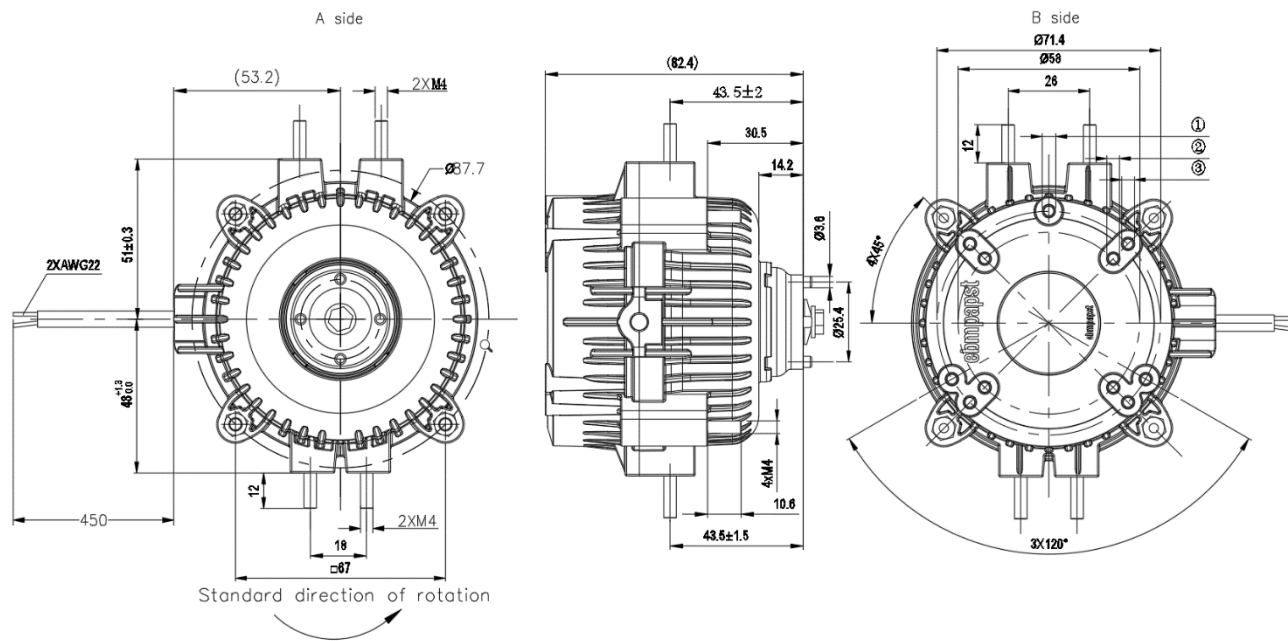
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features(description)

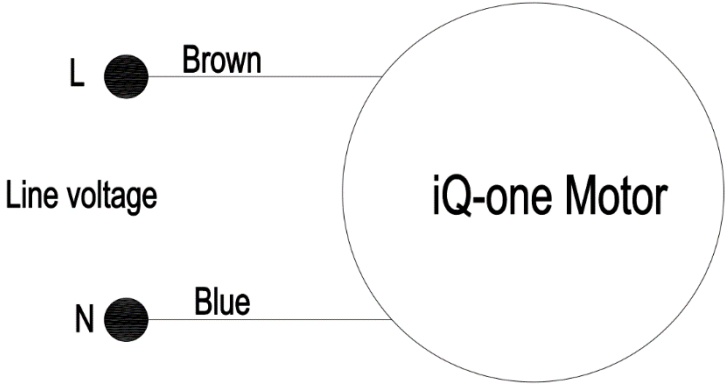
Weight	0.5 kg
Material of motor housing	PBT
Direction of rotation	Counter-clockwise (CCW), seen on shaft end
Type of protection	IP 65
Insulation class	"F"
Environmental (H) protection class	H1
Mounting position	Any
Max. permissible ambient motor temp. (transp./ storage)	+ 70 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Operation mode	Continuous operation (S1)
Motor bearing	Sleeve bearings
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)
Motor protection	Electronically protected
Suitable for flammable refrigerants	EN 60335-2-24, EN 60335-2-89
Measured surface temperature	Maximum 124°C
Safety class according to EN378	A3/B3
Certified standards	EN 60335-1, EN 60335-2-24, EN 60335-2-89, UL1004-1 + 1004-7 + 60730-1, CSA-C22.2 No. 77-14 + No.100
Agency Approvals	VDE; UL;CSA
Product Conformity	CCC, CE, EAC

Product drawing

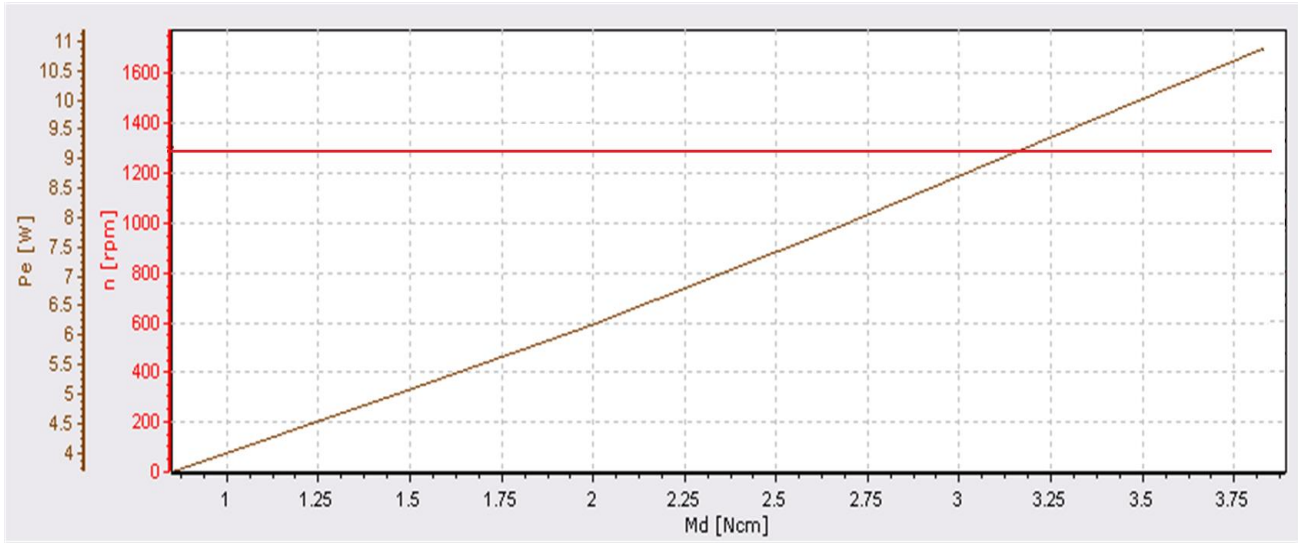


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|---|--|
| 1 | Holes for 3XM4 self-tapping screws. Maximum allowed depth of the self-tapping screws in the hole is 8.5mm. |
| 2 | Holes for 4XM4 self-tapping screws. Maximum allowed depth of the self-tapping screws in the hole is 8.5mm. |
| 3 | Holes for 4XM4 self-tapping screws. Maximum allowed depth of the self-tapping screws in the hole is 8.5mm. |

Connection diagram



Curves:Speed(1300 rpm)



Curves:Speed(1550 rpm)

