EC motor

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Nominal data

Type	**M1G055-BD91-63**
Motor	**M1G055-BD**

Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50/60	50/60
Type of data definition		ml	
Speed (rpm)	min^{-1}	1400	1600
Power input	W	19	
Power output	W	12	-
Current draw	A	0.16	
Rated torque	Ncm	8	
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	50	50

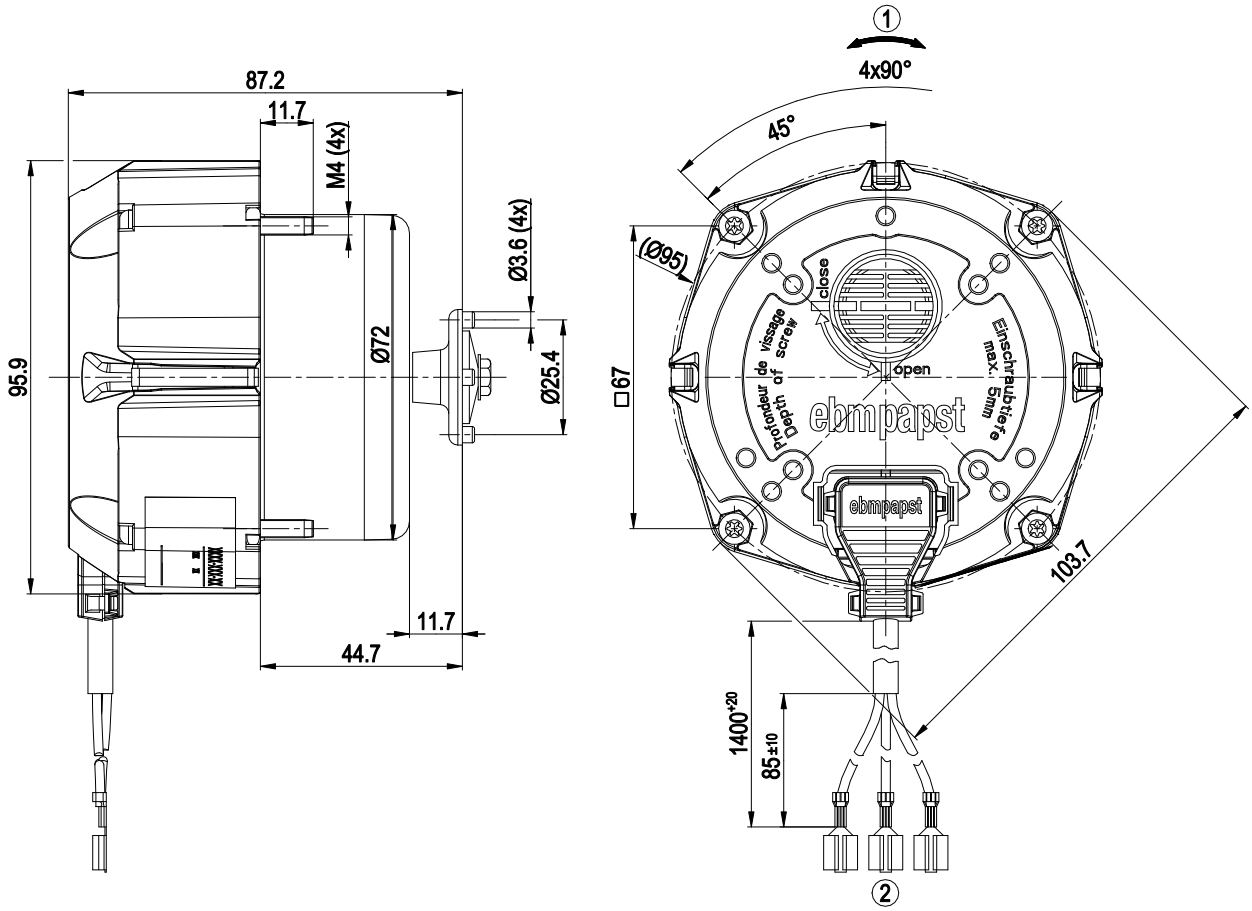
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

Technical features

Mass	0.9 kg
Motor size	55
Surface of rotor	Coated in black
Material of electronics housing	Die-cast aluminium
Direction of rotation	Right and left
Type of protection	IP54
Insulation class	"B"
Humidity (F) / environmental protection class (H)	H1
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensation drainage holes	None
Operation mode	S1
Motor bearing	Ball bearing
Technical features	- Speed adjustment input (230 V) - ESM+ extensible with plug-in module - Soft start - Over-temperature protected motor
Speed steps	2
Electrical connection	Connector with connection line
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Lateral
Protection class	II
Product conforming to standard	EN 60335-1; CE
Approval	VDE; CSA C22.2 no. 77; UL 1004-3

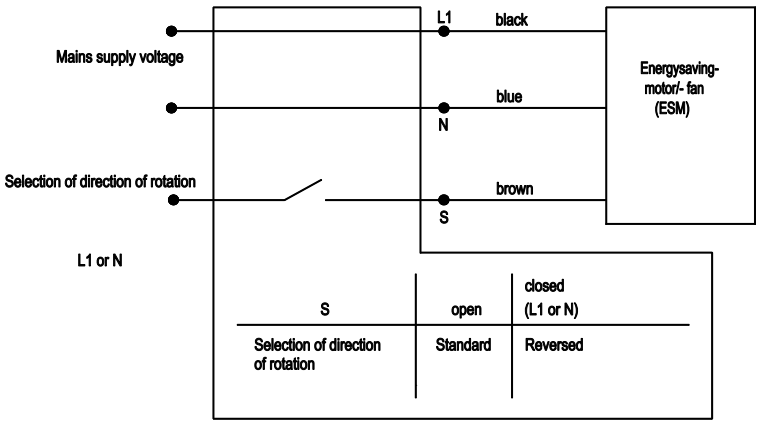
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Product drawing



1	Direction of rotation anti-clockwise viewed towards rotor, speed 1400 rpm
	Direction of rotation clockwise viewed towards rotor, speed 1600 rpm
2	Connection line AWG18
	3x threaded pin 6.3x0.8

Connection screen



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Charts: Speed (rpm)



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