EC motor

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Nominal data

Type	**M1G055-BD91-39**
Motor	**M1G055-BD**

Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50/60	50/60
Type of data definition		ml	
State			prelim.
Speed	min^{-1}	2200	1700
Power input	W	22	-
Power output	W	15	-
Current draw	A	0.18	
Rated torque	Ncm	6.2	
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	50	50

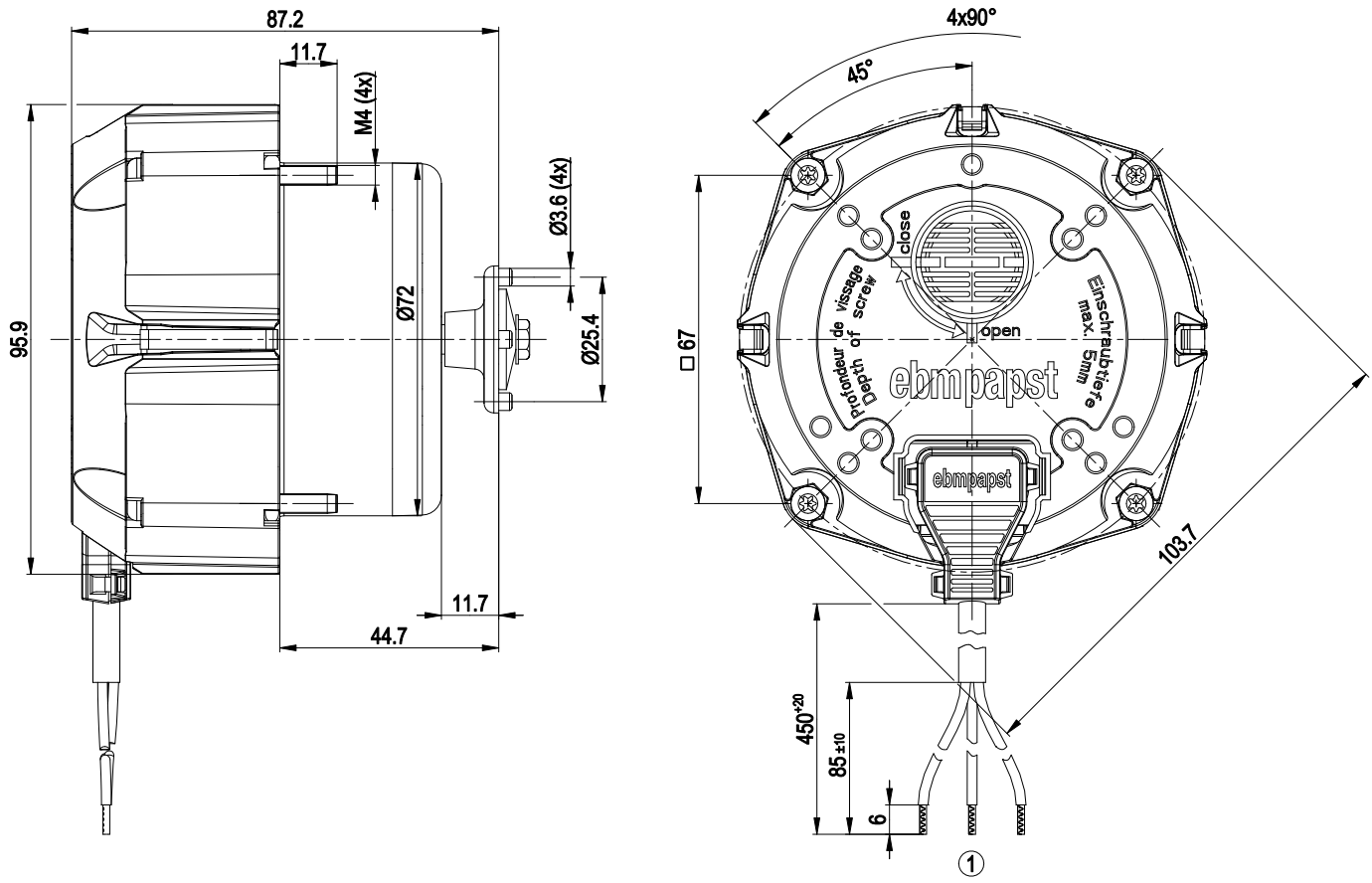
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

Technical features

Mass	0.8 kg
Size	55 mm
Surface of rotor	Coated in black
Material of electronics housing	Die-cast aluminium
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 54
Insulation class	"B"
Humidity class	F3-1
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Technical features	- Speed selection max/min - Soft start - Over-temperature protected motor
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	<= 0.25 mA; <= 3.5 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Lateral
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE
Approval	UL 2111; CCC; VDE; CSA C22.2 Nr.77

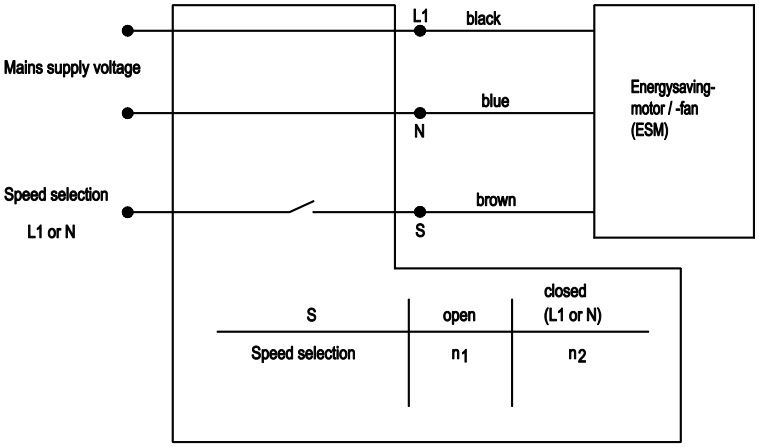
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Product drawing



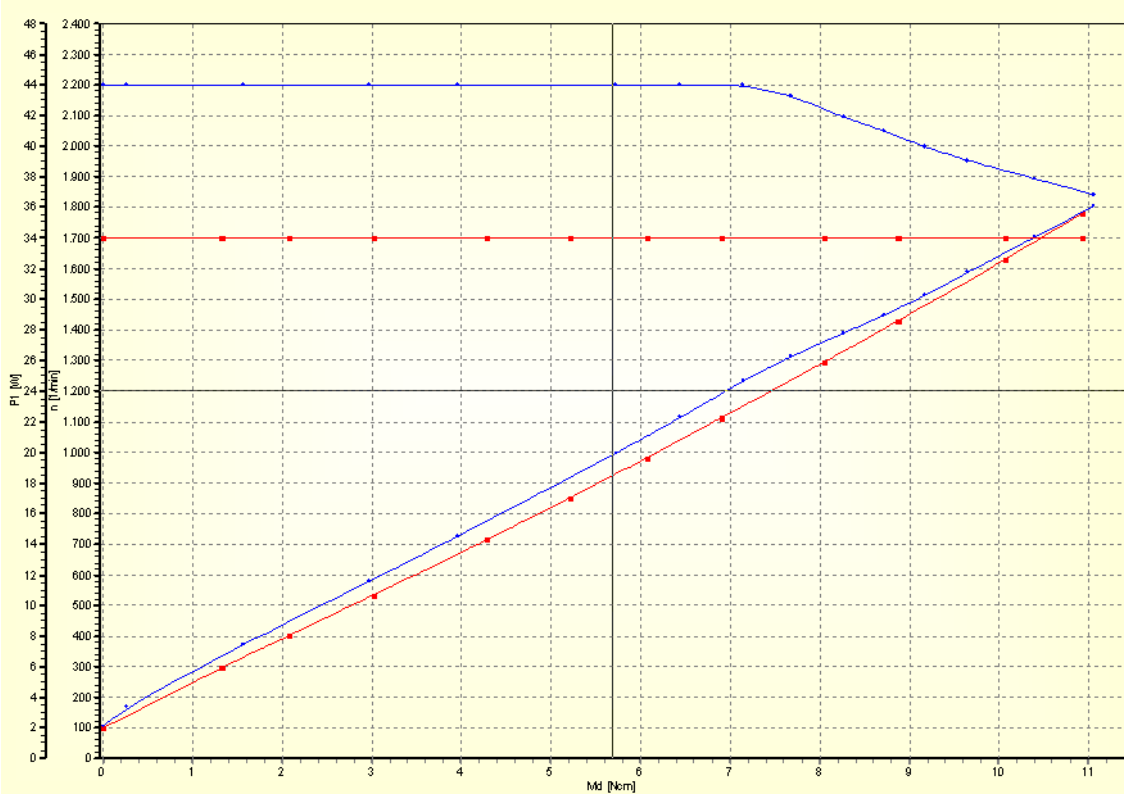
1	Connection line AWG20, 3x brass lead tips crimped

Connection screen



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Charts: Speed



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