EC motor

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Nominal data

Type	**M1G055-BD87-25**
Motor	**M1G055-BD**

Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50/60	50/60
Method of obtaining data		ml	
Speed	min^{-1}	1400	1000
Power consumption	W	8.7	-
Power output	W	5.8	-
Current draw	A	0.07	
Rated torque	Ncm	3.9	
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	50	50

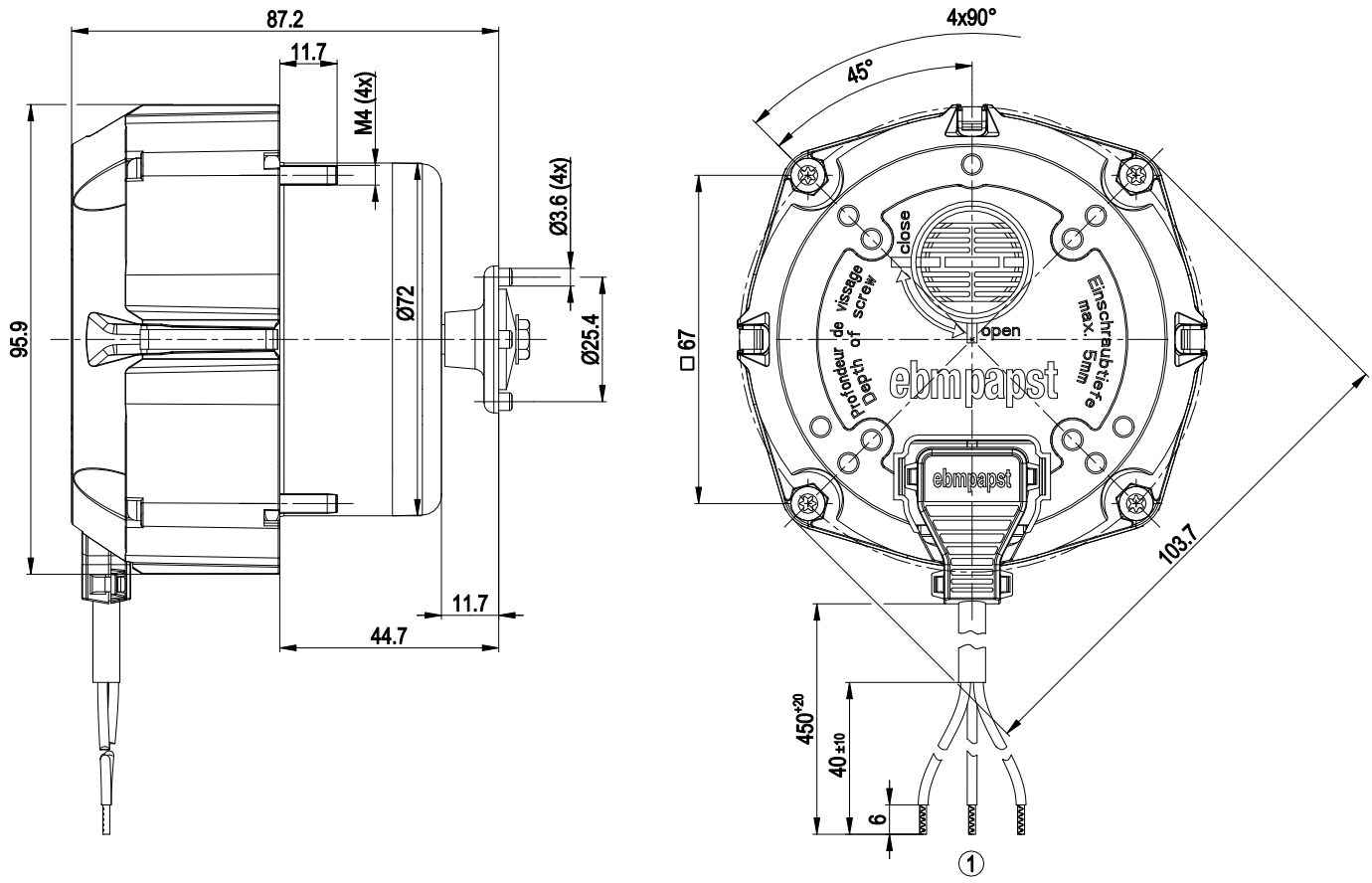
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

Technical description

Weight	0.9 kg
Fan size	55 mm
Rotor surface	Painted black
Electronics housing material	Die-cast aluminum
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP54
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	F3-1
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing
Technical features	- Speed selection max./min. - Soft start - Thermal overload protection for motor
Speed levels	2
EMC immunity to interference	According to EN 61000-6-2 (industrial environment)
EMC circuit feedback	According to EN 61000-3-2/3
EMC interference emission	According to EN 61000-6-3 (household environment)
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Lateral
Protection class	II
Conformity with standards	EN 60335-1; EN 60335-2-24; EN 60335-2-80; EN 60335-2-89; CE
Approval	CCC; CSA C22.2 No. 77; UL 2111; VDE

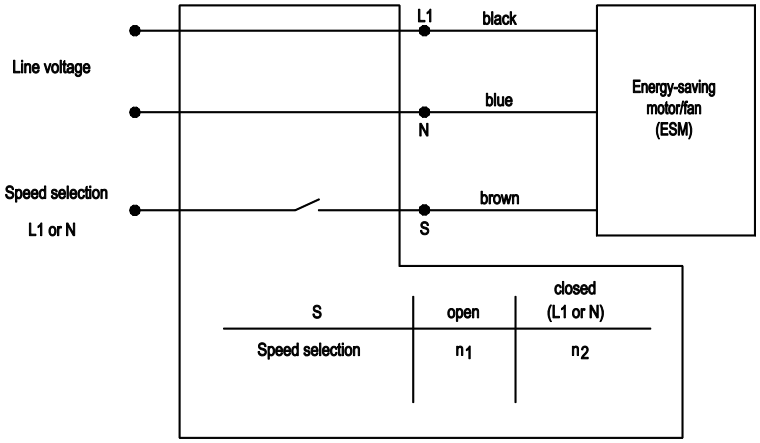
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Product drawing



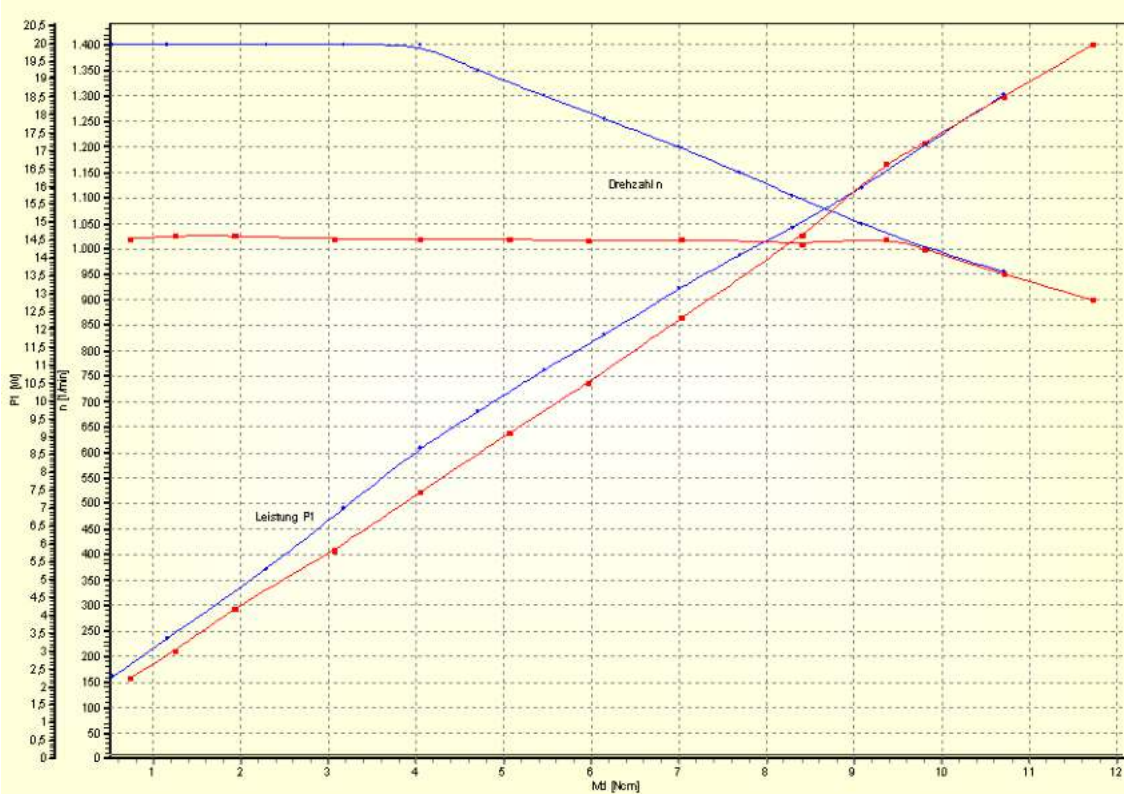
1	Cable AWG20, 3x crimped splices

Connection diagram



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Curves: Speed



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