EC motor

ebm-papst Mulfingen GmbH & Co. KG
Bachmühle 2 · D-74673 Mulfingen
Phone +49 7938 81-0
Fax +49 7938 81-110
info1@de.ebmpapst.com
www.ebmpapst.com

Limited partnership · Headquarters Mulfingen
County court Stuttgart · HRA 590344

General partner Elektrobau Mulfingen GmbH · Headquarters Mulfingen
County court Stuttgart · HRB 590142

Nominal data

Type	**M1G055-BD91-60**
Motor	**M1G055-BD**

Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50/60	50/60
Type of data definition		ml	ml
Speed	min^{-1}	1000	1400
Power input	W	-	27
Power output	W	-	12
Current draw	A		0.24
Rated torque	Ncm	8	8
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	40	40

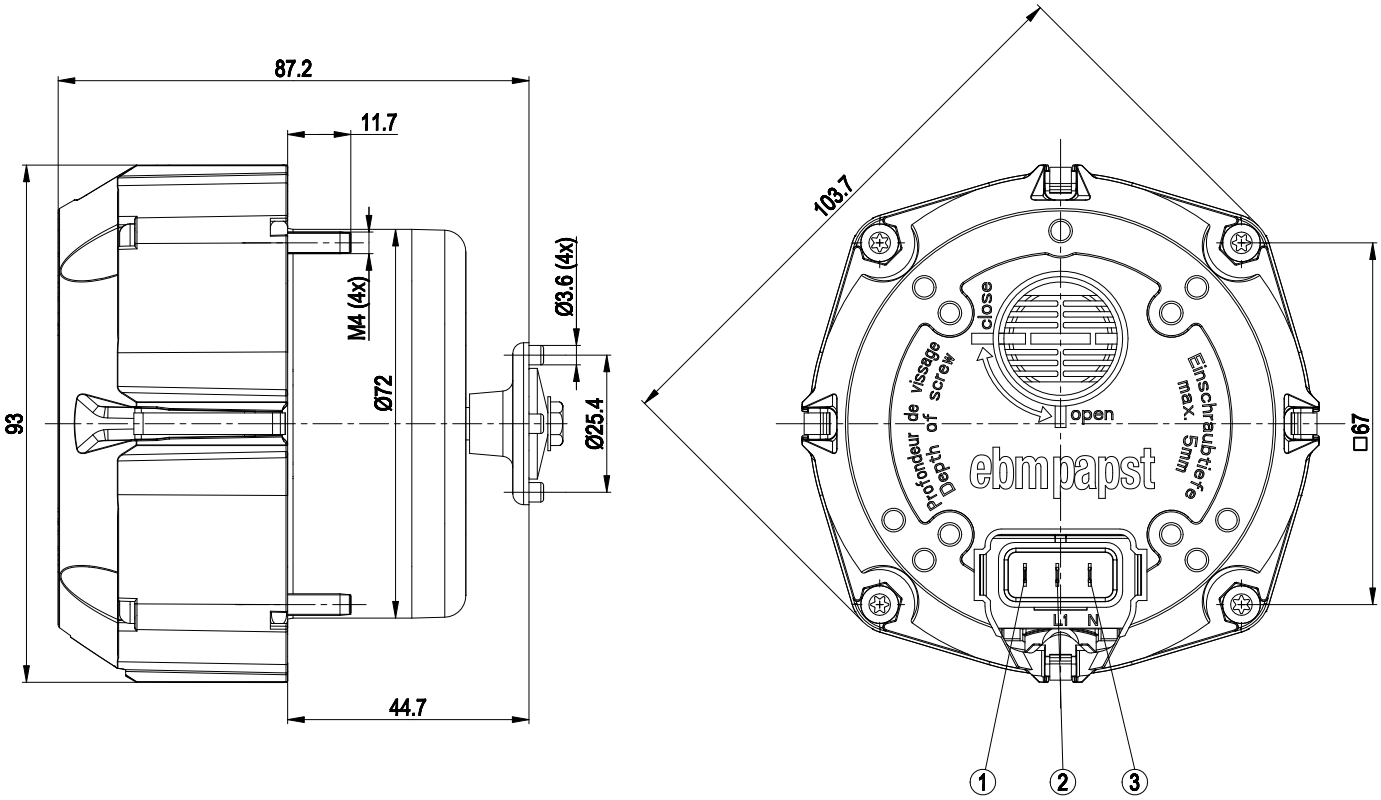
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

Technical features

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	- Over-temperature protected motor - Speed selection max/min - Soft start
Speed steps	2
EMC interference immunity	Acc. to EN 61000-6-2 (industrial environment)
EMC harmonics	Acc. to EN 61000-3-2/3
EMC interference emission	Acc. to EN 61000-6-3 (household environment)
Motor protection	Thermal overload protector (TOP) wired internally
Protection class	II
Product conforming to standard	EN 60335-1; CE
Approval	CCC; VDE; UL 2111; CSA C22.2 Nr.77

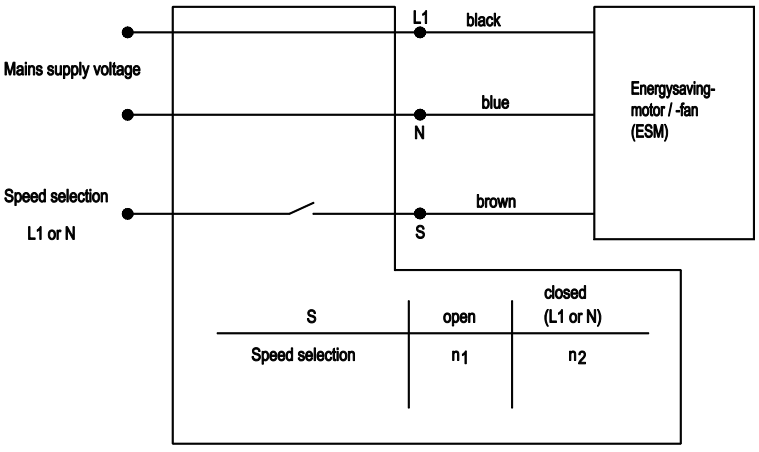
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Product drawing



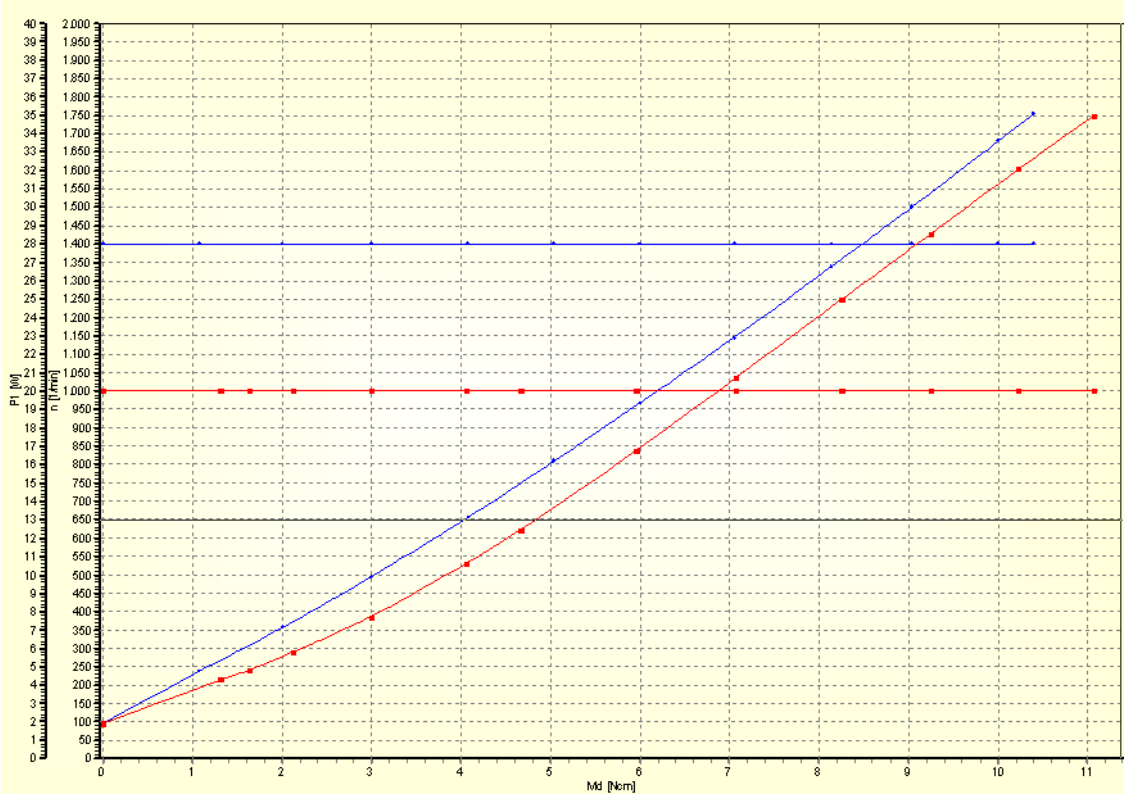
1	PIN S, speed selection (flat plug 2.8 x 0.5)
2	PIN L1, phase (flat plug 2.8 x 0.5)
3	PIN N, neutral conductor (flat plug 2.8 X 0.5)

Connection screen



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Charts: Speed



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