

ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2 · D-74673 Mulfingen

Phone +49 7938 81-0

Fax +49 7938 81-110

sales@fansco.com

www.fansco.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	M2E068-DF13-79	
Motor	M2E068-DF	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Type of data definition		me
Valid for approval / standard		CE
Speed	min ⁻¹	3000
Power input	W	120
Power output	W	70
Current draw	A	1.15
Rated torque	Ncm	23
Medium start-up torque	Ncm	13
Motor capacitor	µF	12
Capacitor voltage	VDB	220
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	55

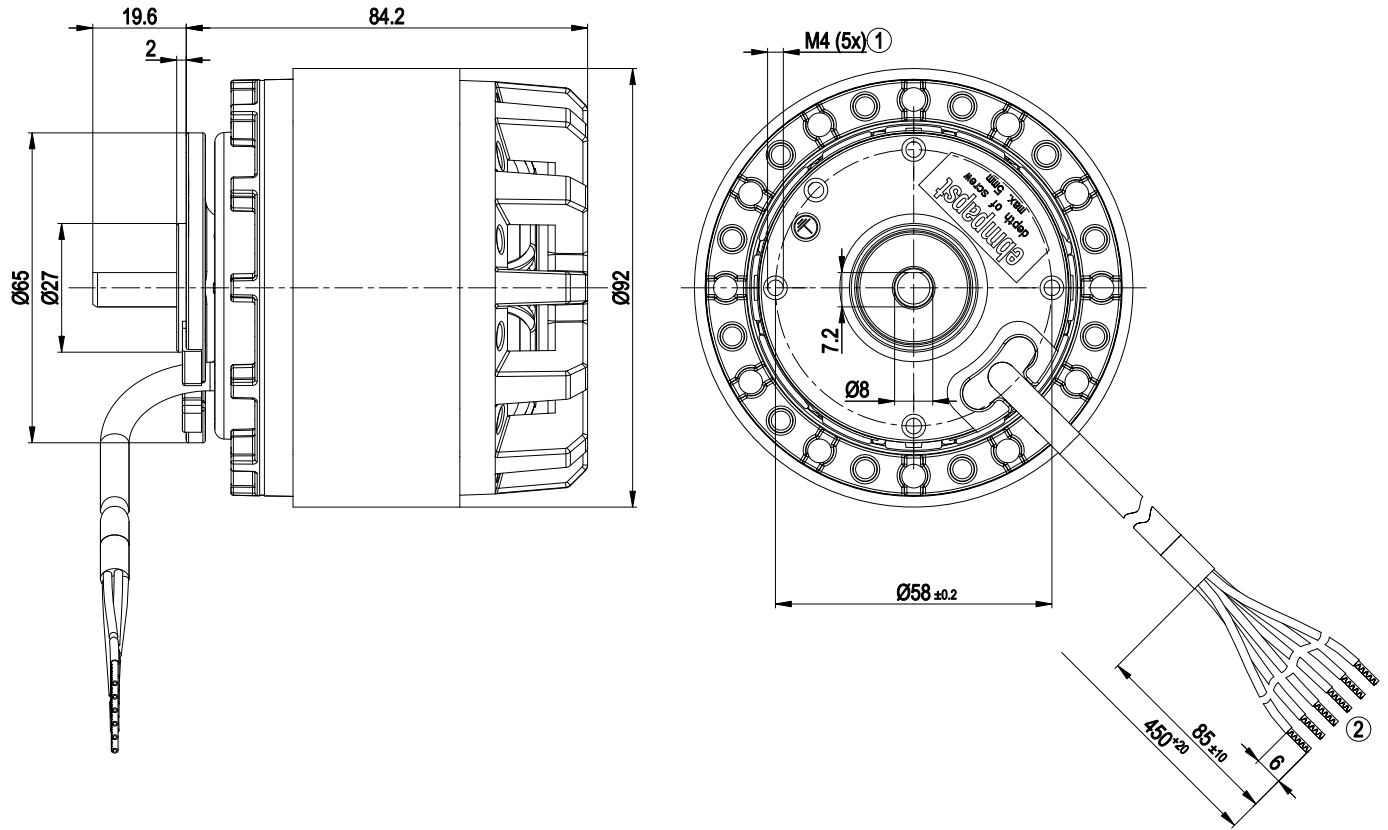
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

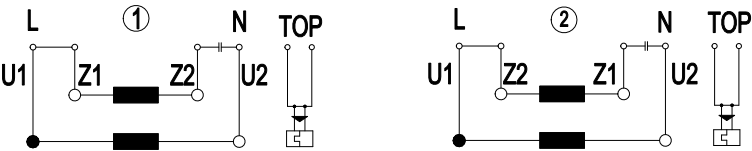
Mass	1.9 kg
Size	68 mm
Surface of rotor	Rotor open, coated in black
Direction of rotation	Right and left
Type of protection	IP 00
Insulation class	"B"
Humidity class	F0
Max. permissible ambient motor temp. (transp./ storage)	- 40 °C
Min. permissible ambient motor temp. (transp./storage)	+ 80 °C
Mounting position	Any
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) brought out
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE

Product drawing



- | | |
|---|---|
| 1 | Depth of screw max. 5 mm |
| 2 | Connection line AWG20, 6x brass lead tips crimped |

Connection screen



1	Clockwise operation
2	Counter-clockwise operation
U1	black
U2	grey
Z1	Blue
Z2	brown
TOP	2 x white



Charts: Speed

