

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	M4E068-DF01-01		
Motor	M4E068-DF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		me	me
Valid for approval / standard		CE	CE
Speed	min ⁻¹	1300	1450
Power input	W	100	132
Power output	W	50	67
Current draw	A	0.44	0.58
Rated torque	Ncm	36	44
Medium start-up torque	Ncm	25	27
Motor capacitor	µF	3	3
Capacitor voltage	VDB	450	450
Capacitor standard		P0 (CE)	P0 (CE)
Max. ambient temperature	°C	70	40
Starting current	A	0.7	0.66

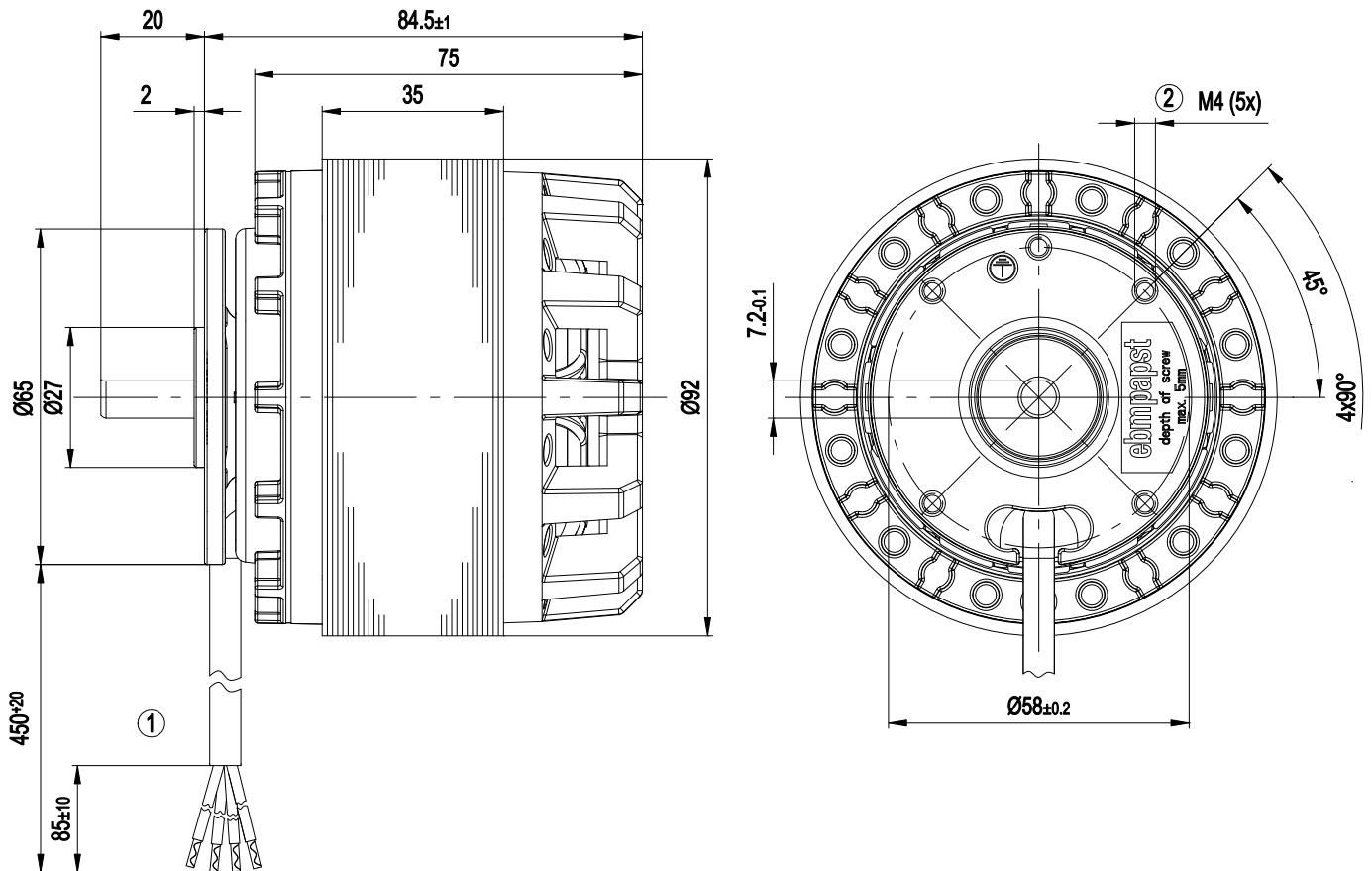
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

Mass	1.8 kg
Size	68 mm
Surface of rotor	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)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None, open rotor
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Degree of soiling	2
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1

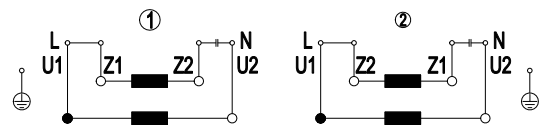
Product drawing



1 Connection line PVC 4X 0.5 mm²; 4x brass lead tips crimped

2 Depth of screw max. 5 mm

Connection screen

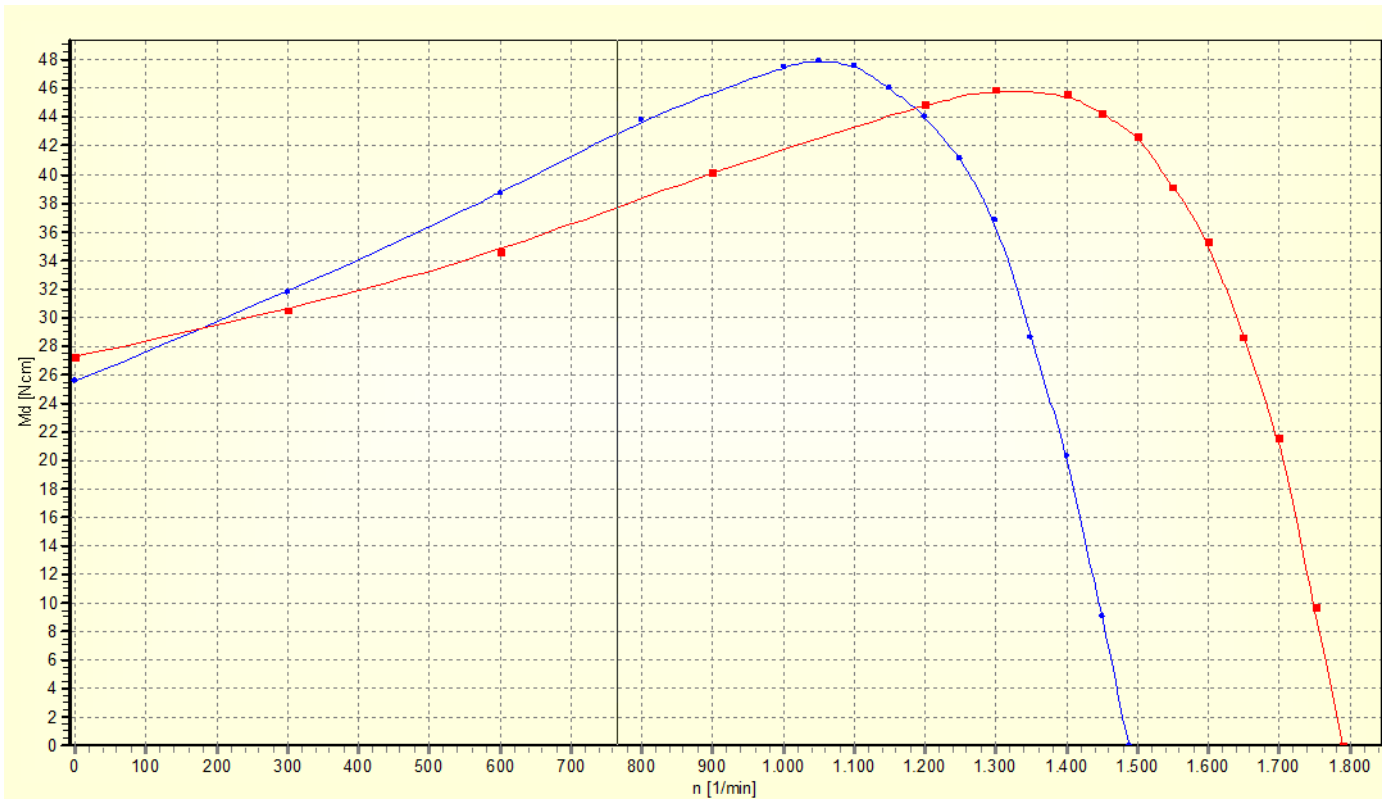


Single-phase AC motor with operating capacitor

1	Clockwise operation
2	Anti-clockwise operation
U1	black
U2	grey
Z1	blue
Z2	brown



Charts: Speed



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