AC motor

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Nominal data

Type	**M4D074-EI11-01**
Motor	**M4D074-EI**

Phase		3~
Nominal voltage	VAC	400
Connection		Y
Frequency	Hz	50
Type of data definition		me
Valid for approval / standard		CE
Speed	min^{-1}	1350
Power input	W	230
Power output	W	150
Current draw	A	0.53
Rated torque	Ncm	105
Medium start-up torque	Ncm	265
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	-
Starting current	A	1.5

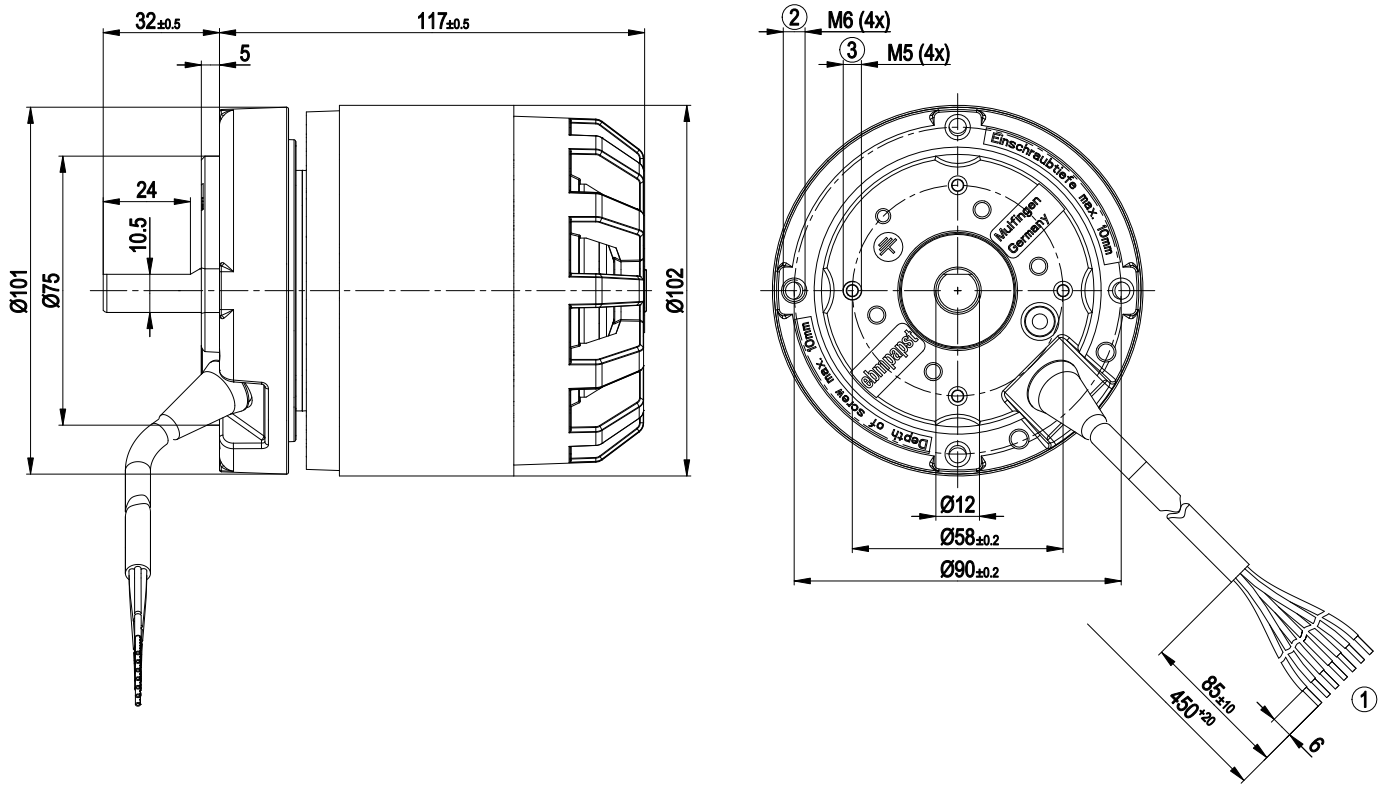
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

Technical features

Mass	3.2 kg
Size	74 mm
Surface of rotor	Coated in black (cataphoresis coated + UTL)
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 00
Insulation class	"B"
Humidity class	F1-2
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
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1

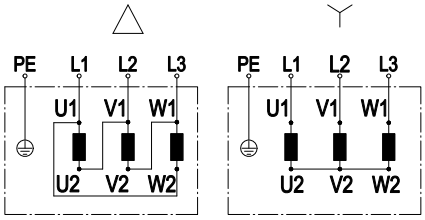
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Product drawing



1	Connection line PVC 7G 0.5 mm², 7x lead tips crimped
2	Depth of screw max. 10 mm
3	Depth of screw max. 10 mm

Connection screen

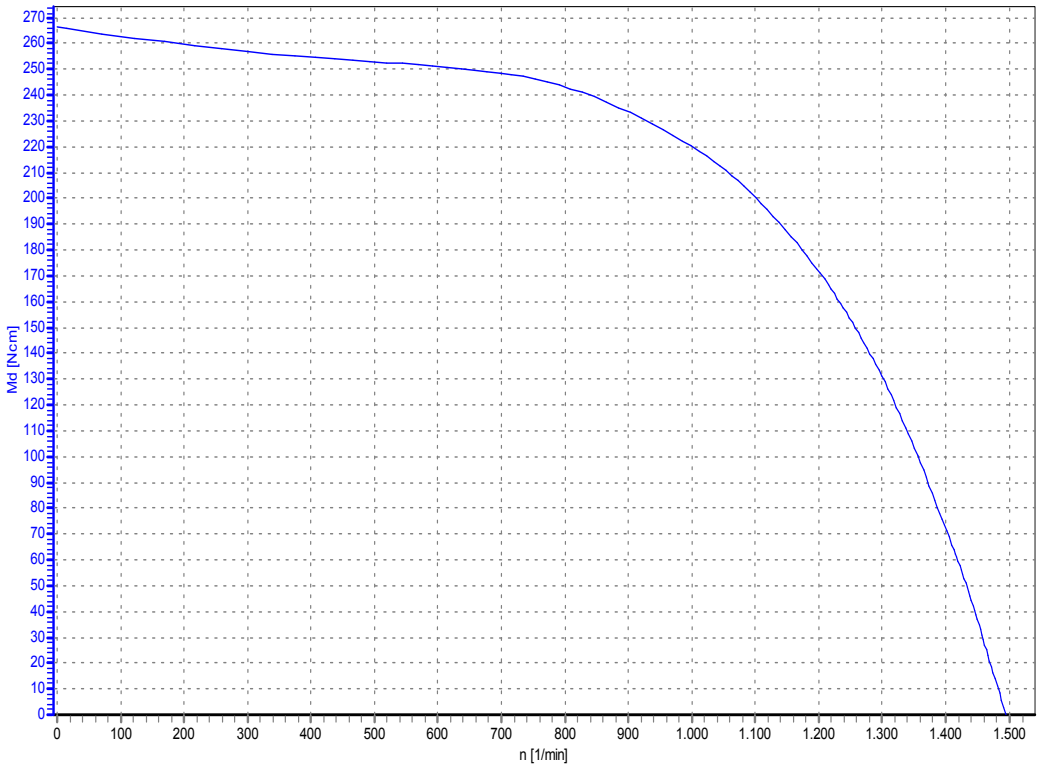


Change direction of rotation by reversing two phases

	Three-phase motor	Δ	Delta connection	Y	Star connection
L1	= U1 = black	L2	= V1 = blue	L3	= W1 = brown
U2	green	V2	white	W2	yellow
PE	green/yellow				

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Charts: Speed



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