M4E068-BF92-60

AC motor

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Nominal data

Type	**M4E068-BF92-60**
Motor	**M4E068-BF**

Phase		1~
Nominal voltage	VAC	110
Frequency	Hz	60
Type of data definition		ml
Valid for approval / standard		CE
Speed	min^{-1}	800
Power input	W	40
Power output	W	8
Current draw	A	0.37
Motor capacitor	µF	5
Capacitor voltage	VDB	250
Capacitor standard		P2 (CE)
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	40
Starting current	A	0.38

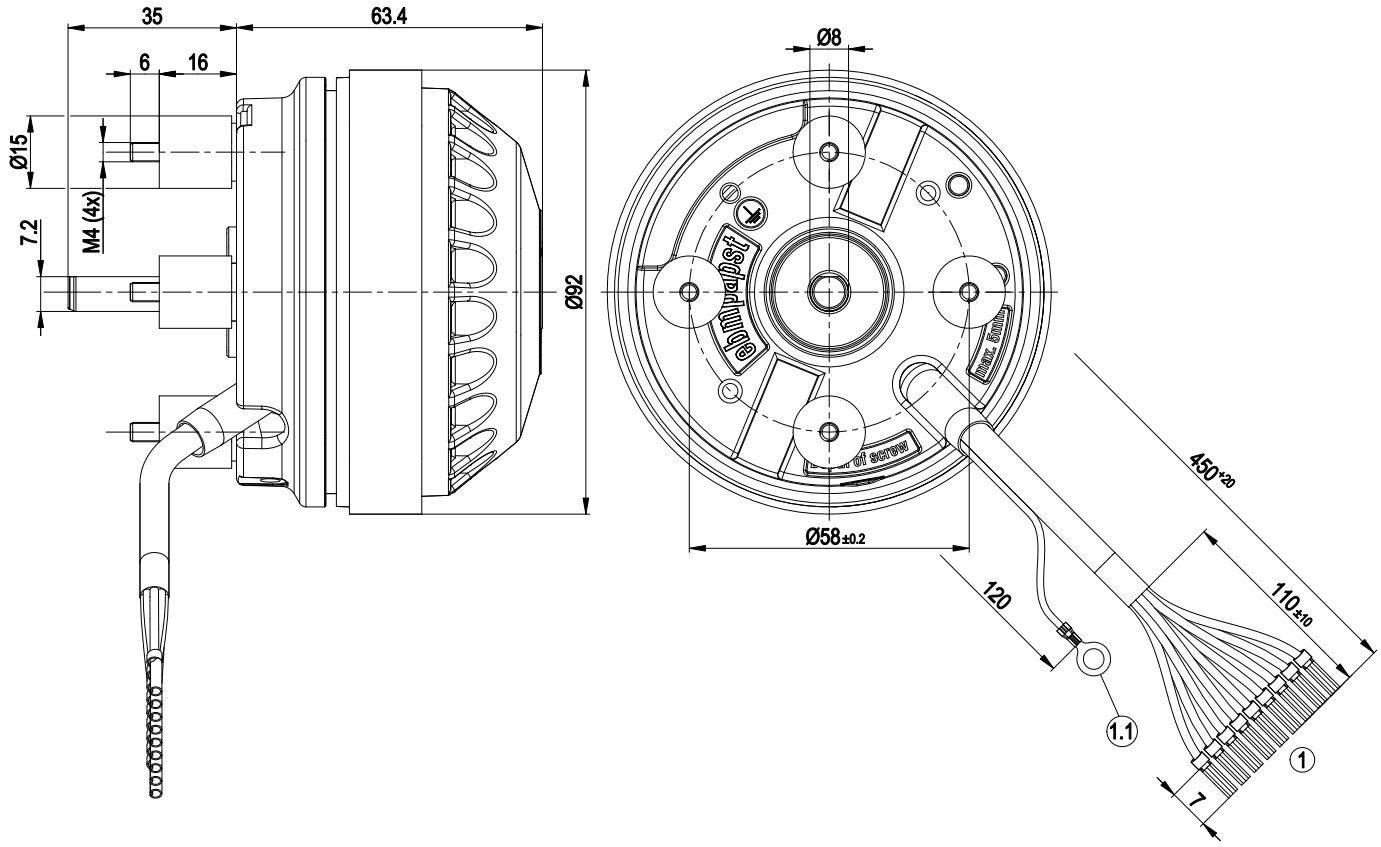
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

Technical features

Mass	1 kg
Size	68 mm
Surface of rotor	Coated in black
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 44
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	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Speed steps	5
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Variable
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE

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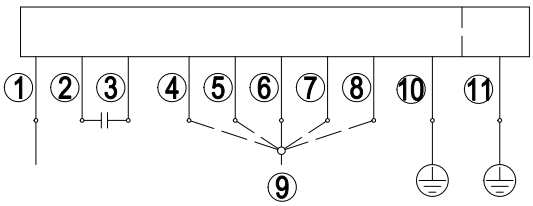
Product drawing



1	Connection line PVC AWG 20, 9x crimped core-end sleeve
1.1	Connection line PVC AWG20 green/yellow, 1x contact stud crimped

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Connection screen

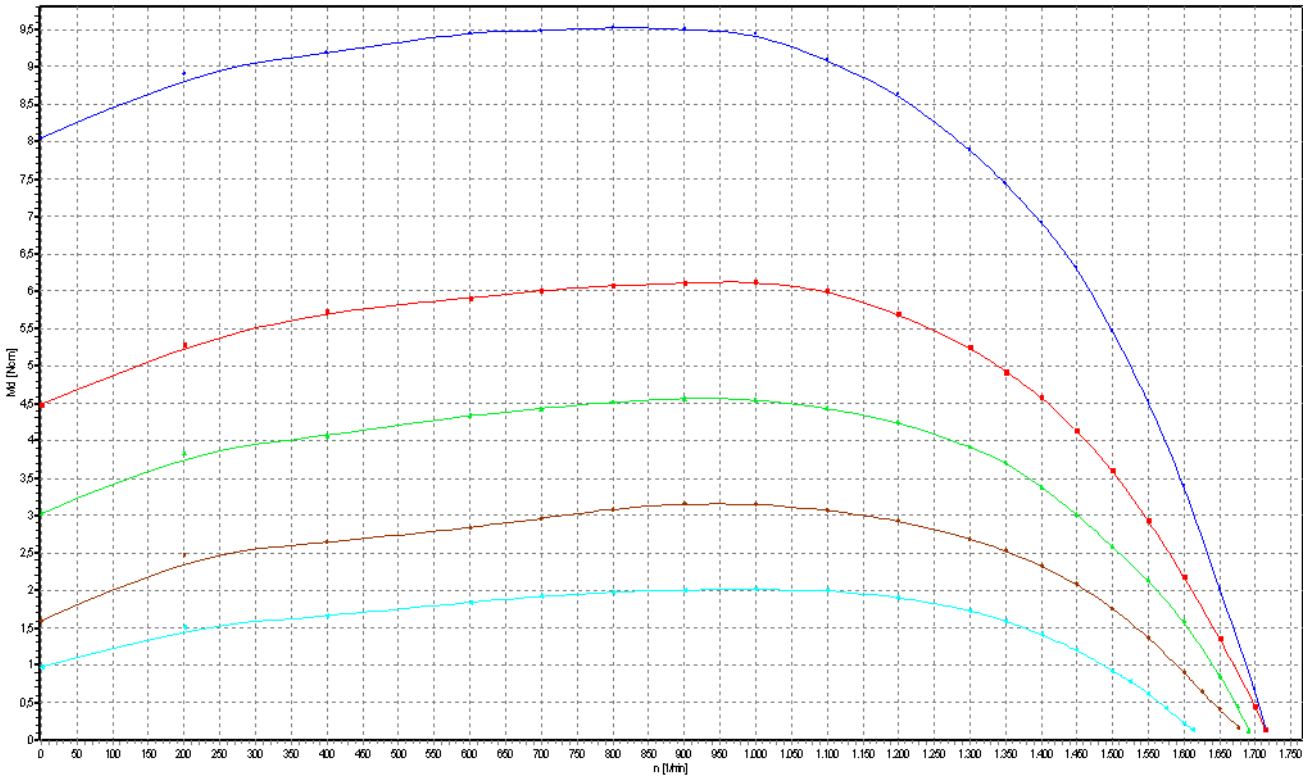


Note: Fast speed (step V); slow speed (step I)

1	blue (N)	2	brown (capacitor)	3	yellow (capacitor)
4	Step I orange	5	Step II grey	6	Step III red
7	Step IV white	8	Step V black	9	L1
10	green/yellow (PE)	11	green/yellow (PE)		

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Charts: Speed



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