M4E068-DF01-73

AC motor

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Nominal data

Type	**M4E068-DF01-73**
Motor	**M4E068-DF**

Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Type of data definition		ml/cu
Valid for approval / standard		CE
Speed	min^{-1}	1295
Power input	W	88
Power output	W	42
Current draw	A	0.4
Motor capacitor	µF	2.5
Capacitor voltage	VDB	450
Capacitor standard		P0 (CE)
Min. back pressure	Pa	100
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	45
Starting current	A	0.7

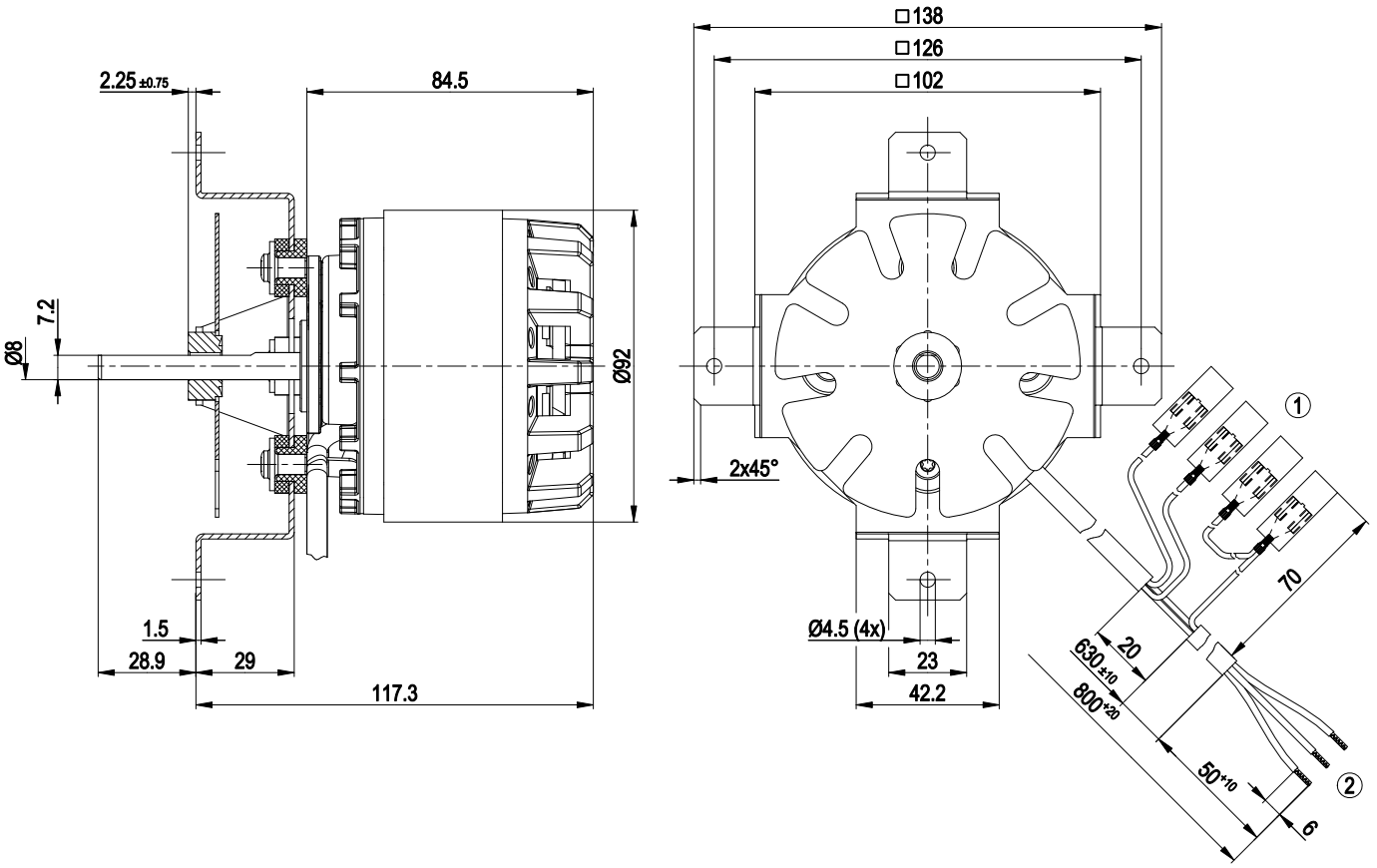
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

Technical features

Mass	2 kg
Size	68 mm
Surface of rotor	Coated in black
Direction of rotation	Counter-clockwise, seen on rotor
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
Motor protection	Thermal cut-out, manual reset
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1

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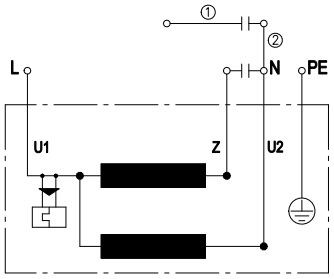
Product drawing



1	Connection line PVC AWG20, 4x threaded pin 6.3x0.8 with connector housing
2	Connection line PVC AWG20, 3x lead tips crimped

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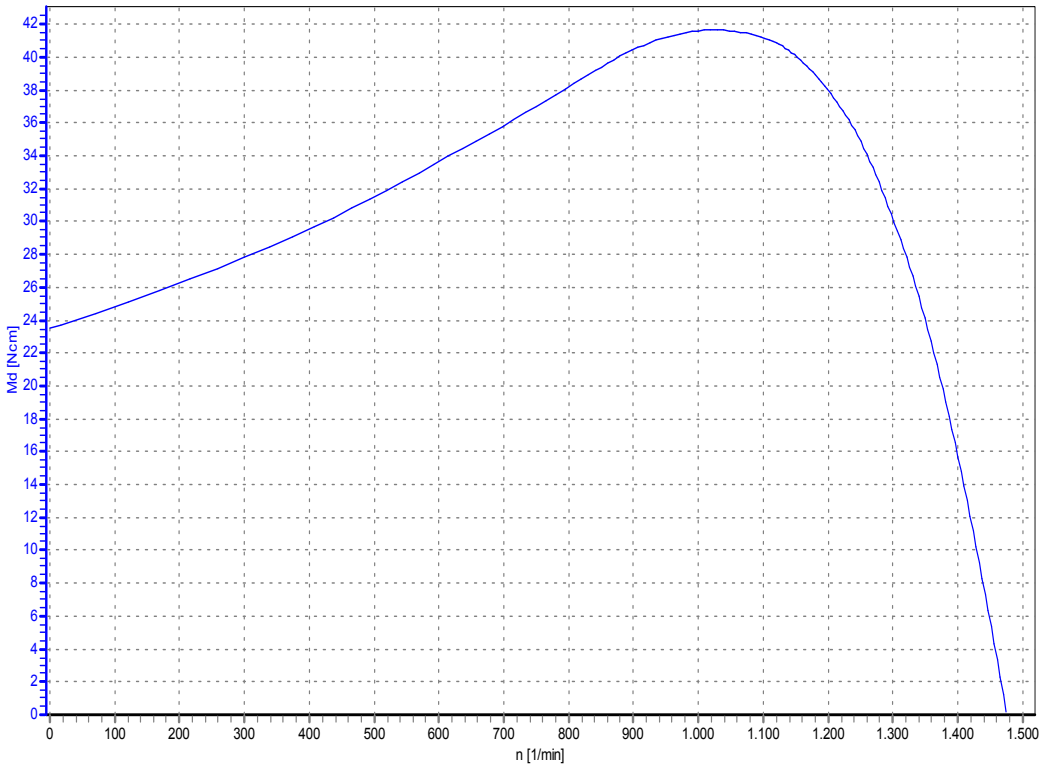
Connection screen



1	brown (series capacitor)
2	white (series capacitor)
U1	blue
Z	red (operating capacitor)
U2	white (operating capacitor)
PE	green/yellow

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Charts: Speed



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