M2E068-BF20-28

AC motor

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Nominal data

Type	**M2E068-BF20-28**
Motor	**M2E068-BF**

Phase		1~
Nominal voltage	VAC	120
Frequency	Hz	60
Method of obtaining data		me
Valid for approval/standard		CE
Speed (rpm)	min^{-1}	3000
Power consumption	W	45
Power output	W	25
Current draw	A	0.4
Rated torque	Ncm	7.9
Mean starting torque	Ncm	5
Capacitor	µF	3
Capacitor voltage	VDB	220
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	-
Starting current	A	0.7

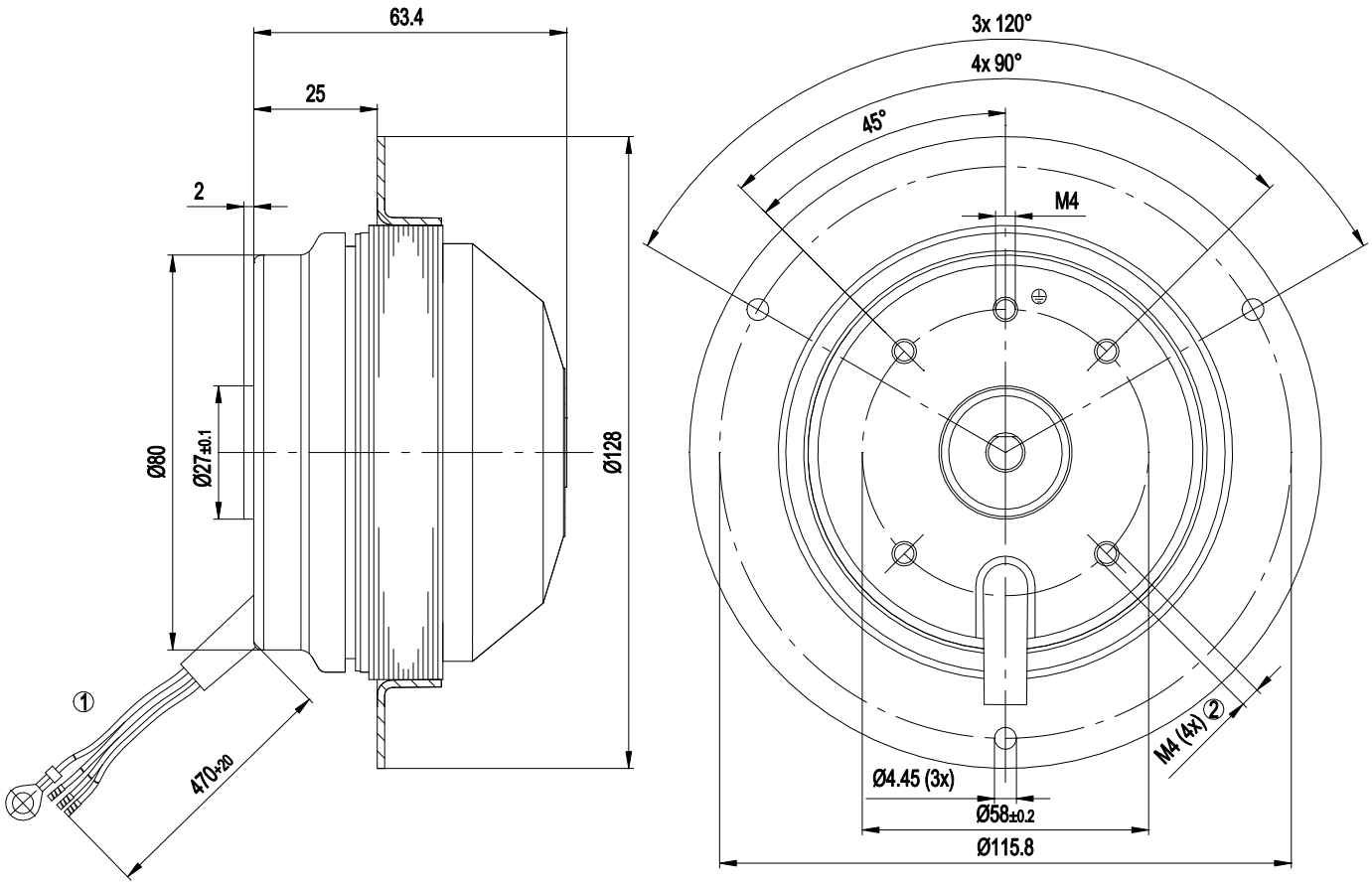
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

Technical description

Weight	1.15 kg
Fan size	68 mm
Rotor surface	Unpainted
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent
Insulation class	"B"
Moisture (F) / Environmental (H) protection class	H0 - dry environment
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Temperature limiter manual reset
With cable	Variable
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1
Approval	CSA C22.2 No. 100; UL 1004-1

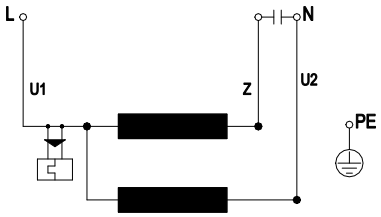
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Product drawing



1	Cable FEP AWG18, 3x splices and 1x ring terminal crimped
2	Max. clearance for screw 5 mm

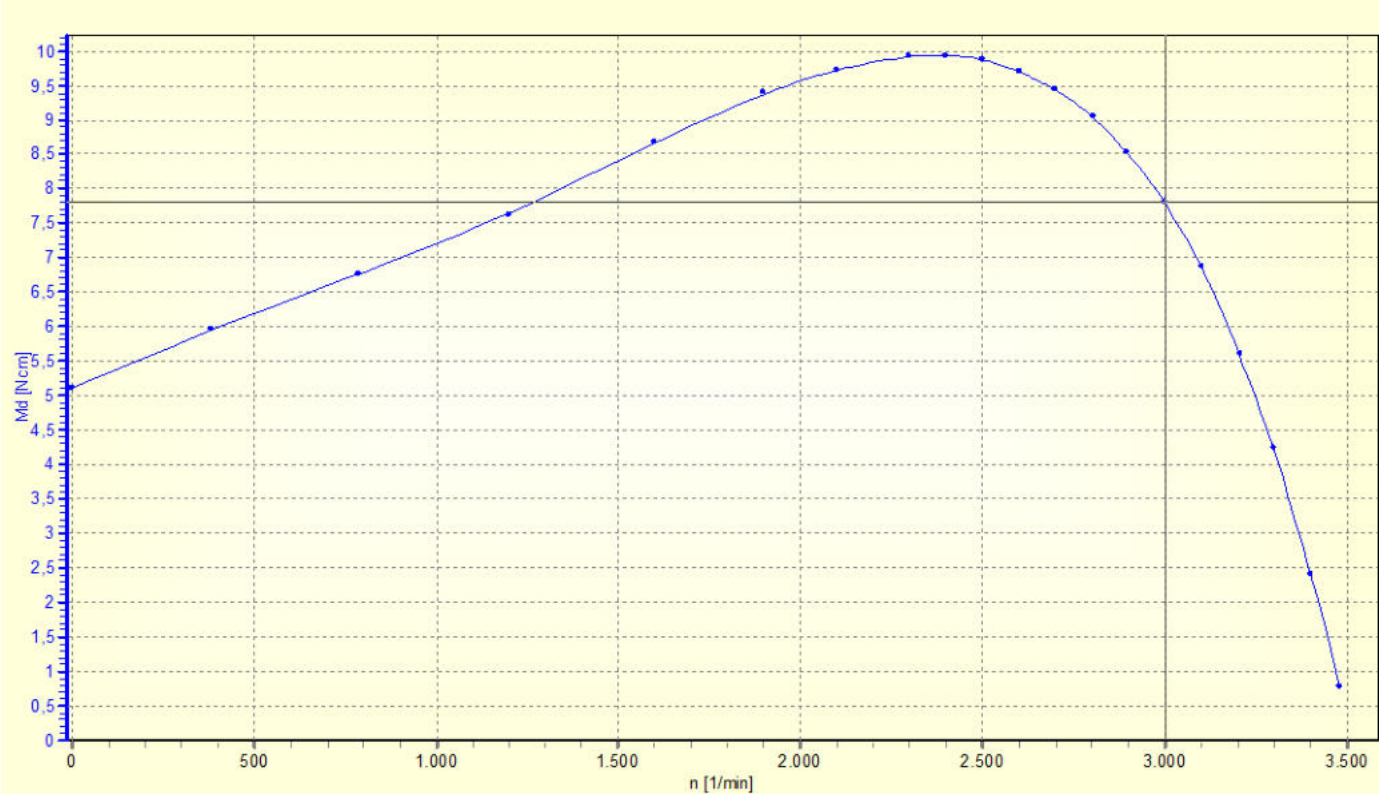
Connection diagram



U1	blue	Z	brown	U2	black
PE	green/yellow				

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Curves: Speed (rpm)



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