M4E068-DF65-82

AC motor

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Nominal data

Type	**M4E068-DF65-82**
Motor	**M4E068-DF**

Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Method of obtaining data		ce
Valid for approval/standard		UL
Speed (rpm)	min^{-1}	1200
Power consumption	W	210
Power output	W	78
Rated torque	Ncm	62
Mean starting torque	Ncm	37
Capacitor	µF	12.5
Capacitor voltage	VDB	370
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	-
Starting current	A	2.15

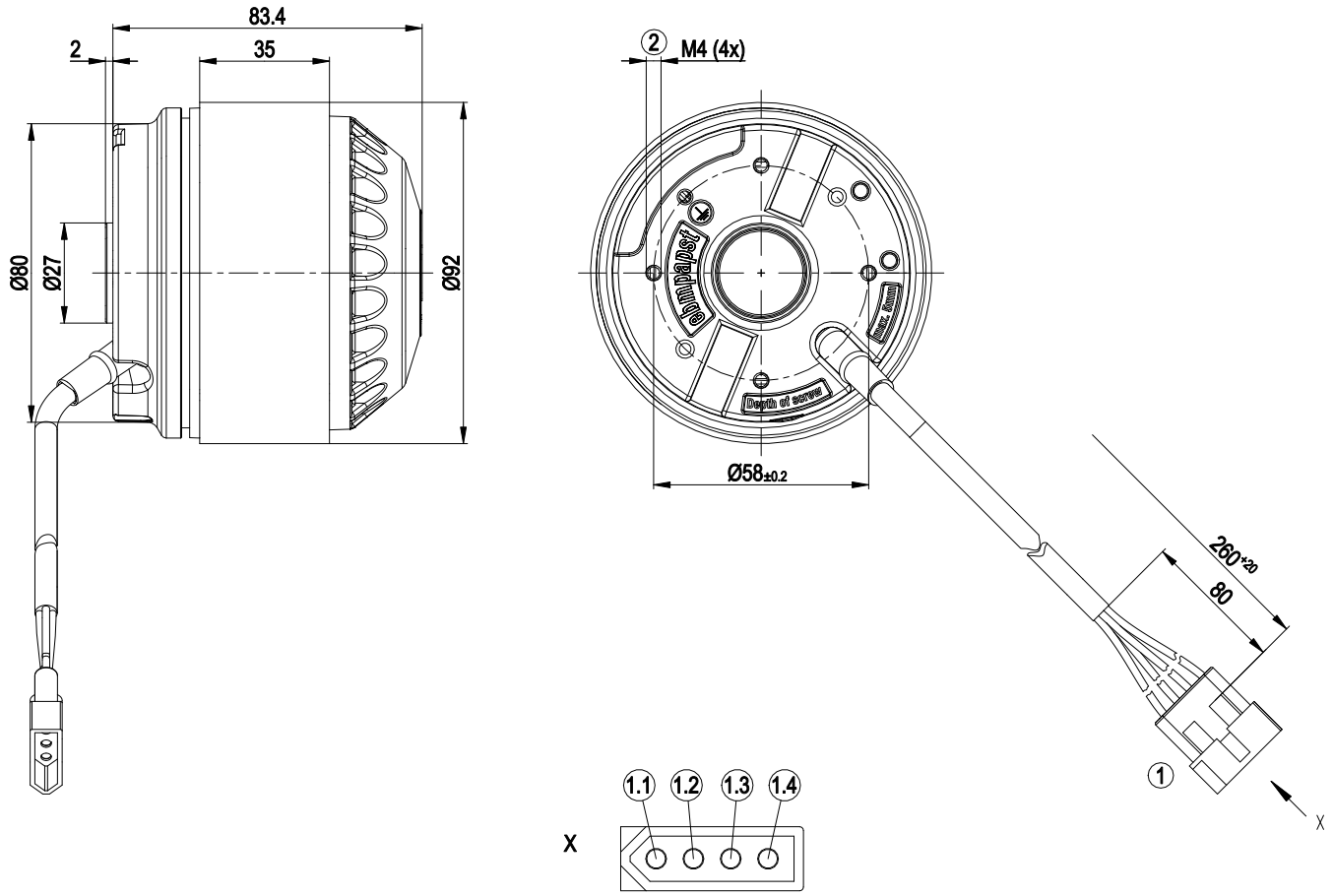
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

Technical description

Weight	1.9 kg
Fan size	68 mm
Rotor surface	Unpainted
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44
Insulation class	"F"
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
Electrical hookup	With plug
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Variable
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60034-1; EN 60204-1
Approval	CSA C22.2 No. 100; UL 1004-1

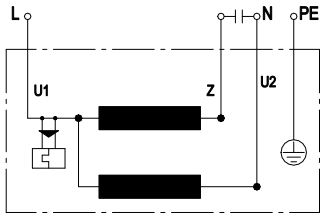
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Product drawing



1	Cable FEP AWG18, 1x Molex 4-pole connector housing 03-09-2042, 4x Molex plug pin 02-09-2116
1.1	blue
1.2	green/yellow
1.3	brown
1.4	black
2	Max. clearance for screw 5 mm

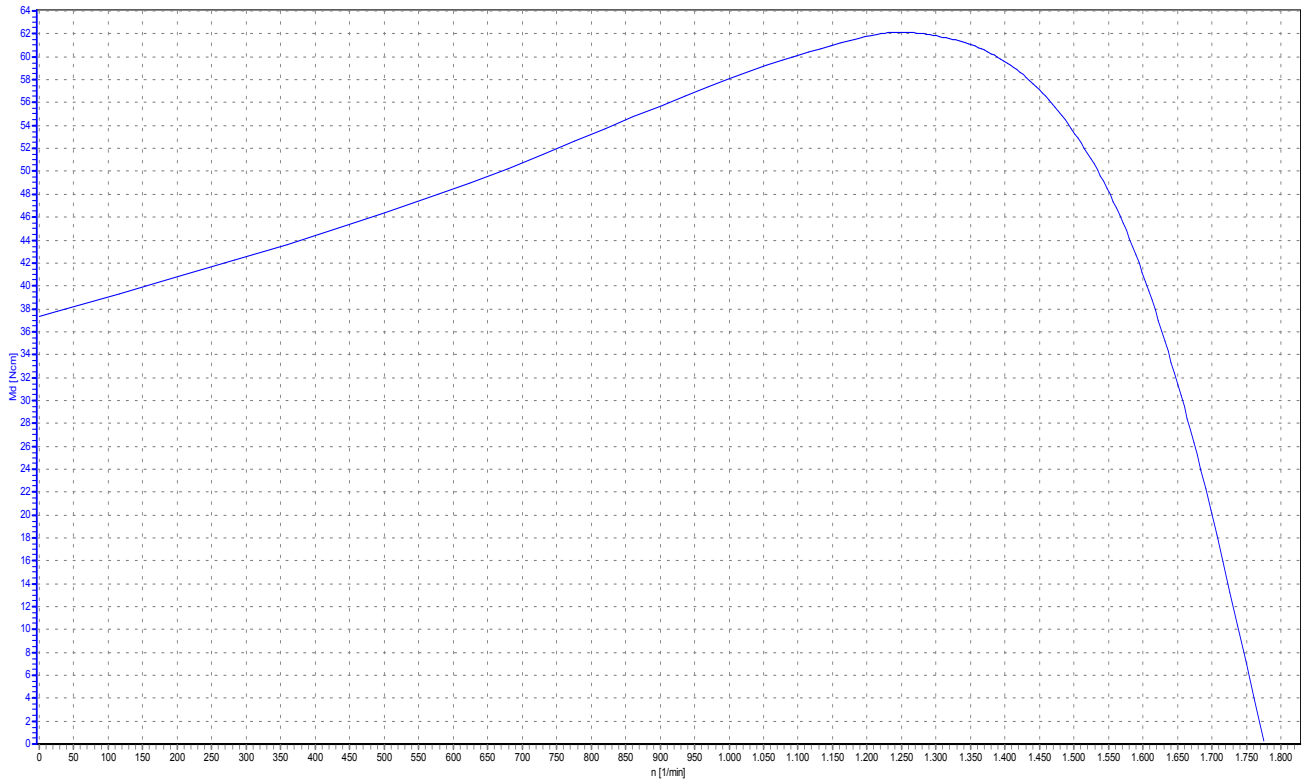
Connection diagram



U1	blue	Z	brown	U2	black
PE	green/yellow				

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Curves: Speed (rpm)



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