



MOTOR DATA SHEET

MOTOR PART CODE:

3.721TCCB14B

FRAME SIZE:

112M1-2

50Hz

Output (kW)	3.7
Rotation Speed (rpm)	2900
Voltage	230
Full Load Current (A)	19.90
Full Load Torque (Nm)	12.18

Factory Reference	ML112M1-2
Tst/Tn (times)	2.5
Tmax/Tn	1.8
Noise (dB)	84
Moment of inertia	0.007169589
Type of feet	Not Fitted
Rotation Direction	F / R
Cooling	IC411
Standard	IEC60034
IP Rating	IP55
Allowed Radial Load (N)	1252
Bearing (DE)	6306 2RZ C3

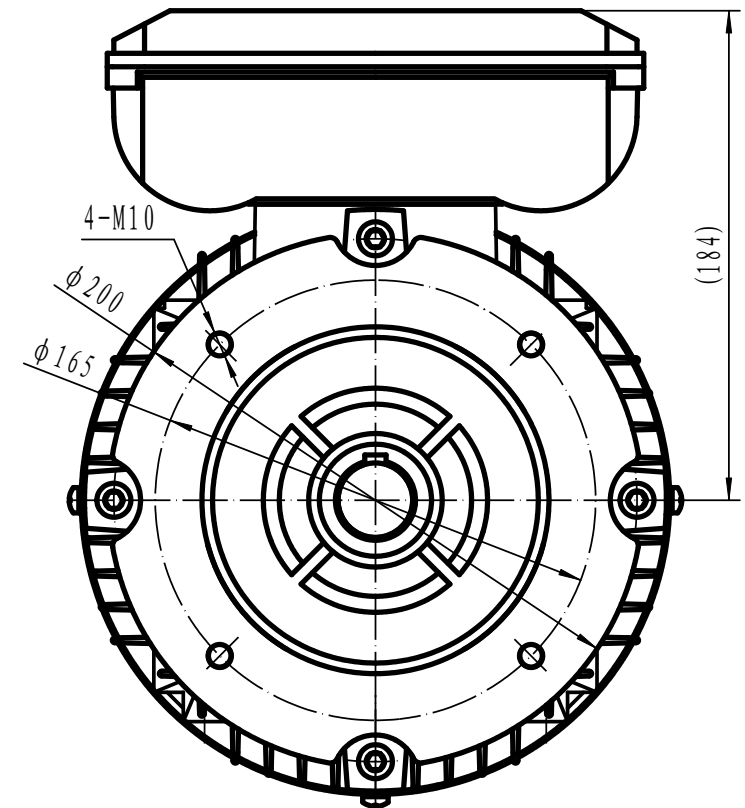
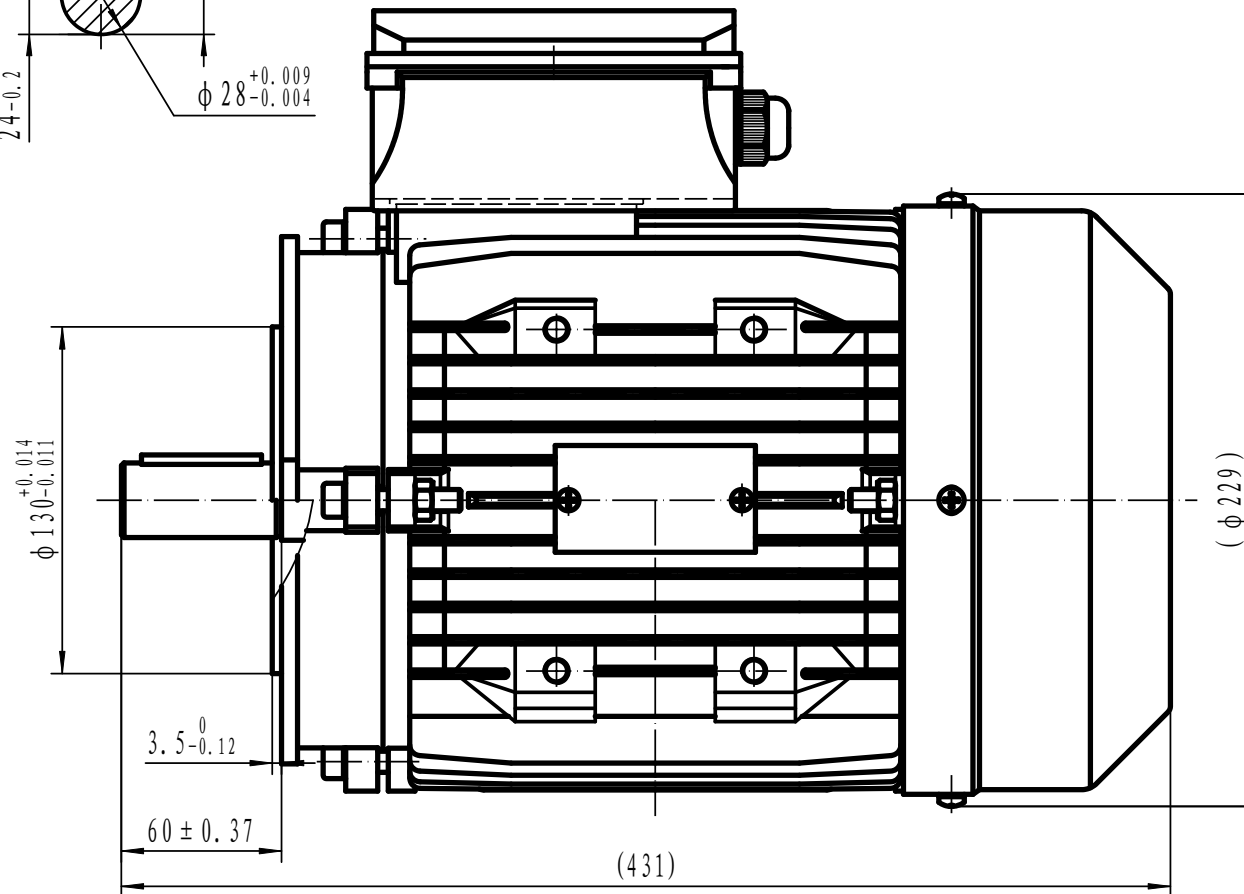
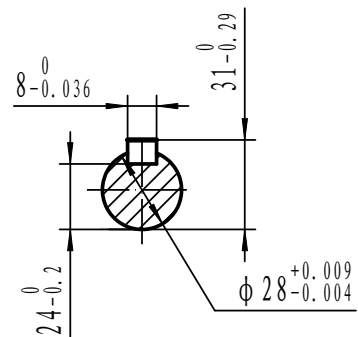
Power Factor (cos)	0.98
Tmin/Tn	1.6
Ist/In (Times)	7.6
Net Weight (Kg)	33
Housing material	Aluminium
Insulation Class	F
Duty Cycle	S1
Paint	RAL 7024
Ambient Temperature	-20°C to +40°
Starting Method	DOL
Allowed Axial Load (N)	950
Bearing (NDE)	6206 2RZ C3

Motors designed and manufactured in accordance with:

**IEC 60034
IEC 60038
IEC 60072
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS 2)**

www.tecmotors.co.uk

TEC Electric Motors Ltd. reserves the right to amend or change motor designs or data sheet information



Drawn By	Date	TCC 112 B14B
A442313	27/11/2017	
Approved by	Date	
L. Overton	27/11/2017	 www.tecmotors.co.uk
Issue No =	Date	
A401/18/001	27/11/2017	