



MOTOR DATA SHEET

MOTOR PART CODE:

2.223TECCB5-IE2

FRAME SIZE:

90L-2

50Hz

Output (kW)	2.2
Rotation Speed (rpm)	2880
Voltage	230/400
Full Load Current (A)	7.96/4.6
Full Load Torque (Nm)	7.3

60Hz

Output (kW)	2.64
Rotation Speed (rpm)	3456
Voltage	276/480
Full Load Current (A)	7.96/4.6
Full Load Torque (Nm)	6.08

Efficiency Data

100%	75%	50%
83.2	83.6	82.5

Factory Reference	T2C 90L-2
Tst/Tn (times)	2.5
Tmax/Tn	2.6
Noise (dB)	72
Moment of inertia	0.00239
Type of feet	Not fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M20× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6205 2RS C3

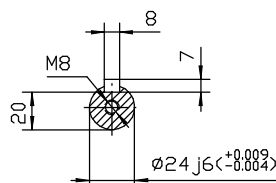
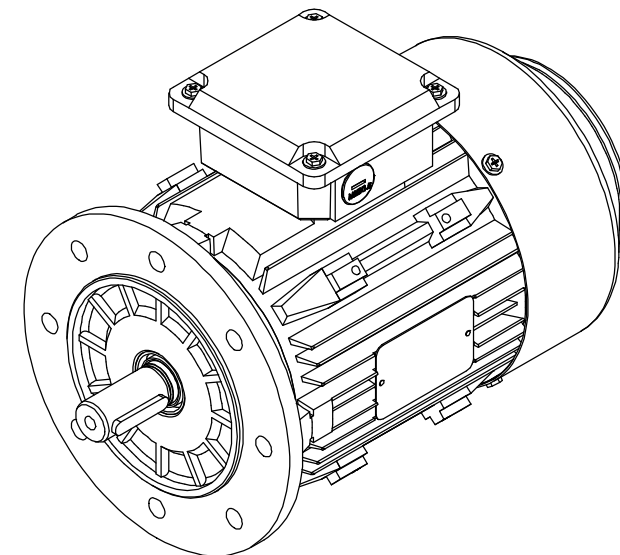
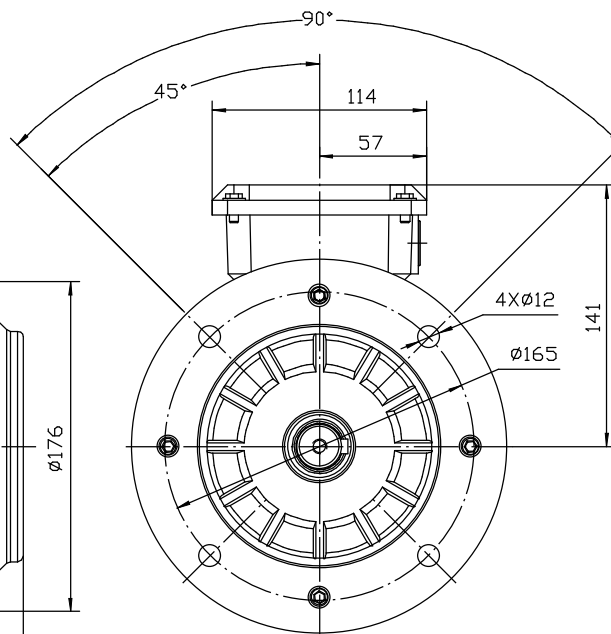
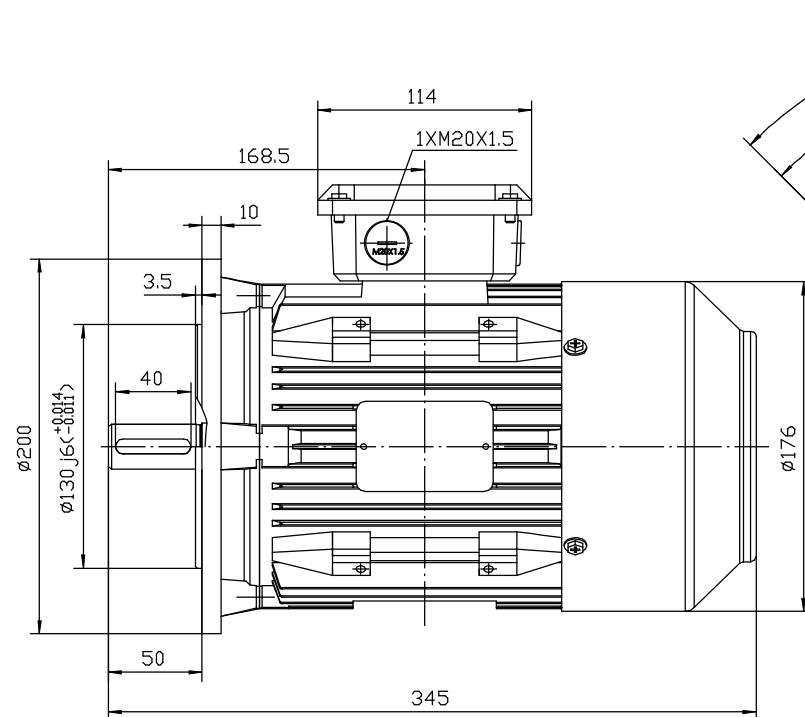
Power Factor (cos)	0.83
Tmin/Tn	1.4
Ist/In (Times)	7.5
Net Weight (Kg)	22
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6205 2RS C3

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)**

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



Drawn By	Date	TC 90L B5
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L. Overton	27/11/2017	
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