



MOTOR DATA SHEET

MOTOR PART CODE:

4.023TECCB14-IE2

FRAME SIZE:

112M-2

50Hz

Output (kW)	4
Rotation Speed (rpm)	2910
Voltage	400/690
Full Load Current (A)	7.65/4.41
Full Load Torque (Nm)	13.13

60Hz

Output (kW)	4.8
Rotation Speed (rpm)	3492
Voltage	480/828
Full Load Current (A)	7.65/4.41
Full Load Torque (Nm)	10.94

Efficiency Data

100%	75%	50%
85.8	85.3	82.7

Factory Reference	T2C 112M-2
Tst/Tn (times)	2.5
Tmax/Tn	2.8
Noise (dB)	77
Moment of inertia	0.00607
Type of feet	Not fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M25× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6306 2RS C3

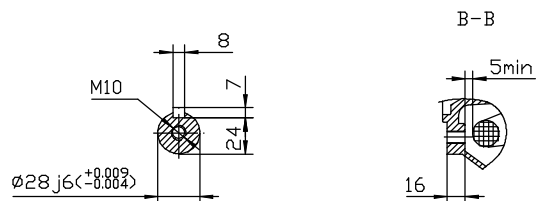
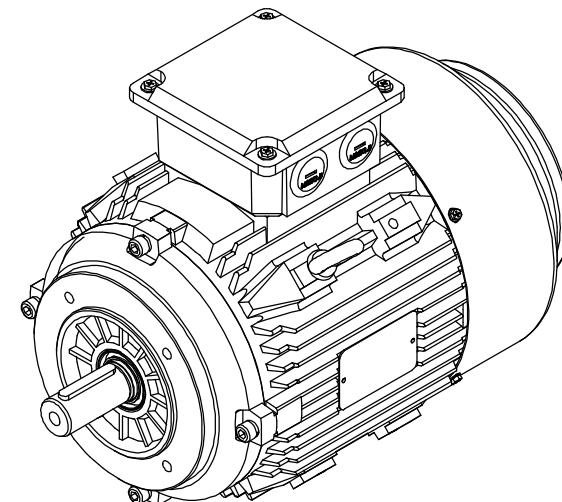
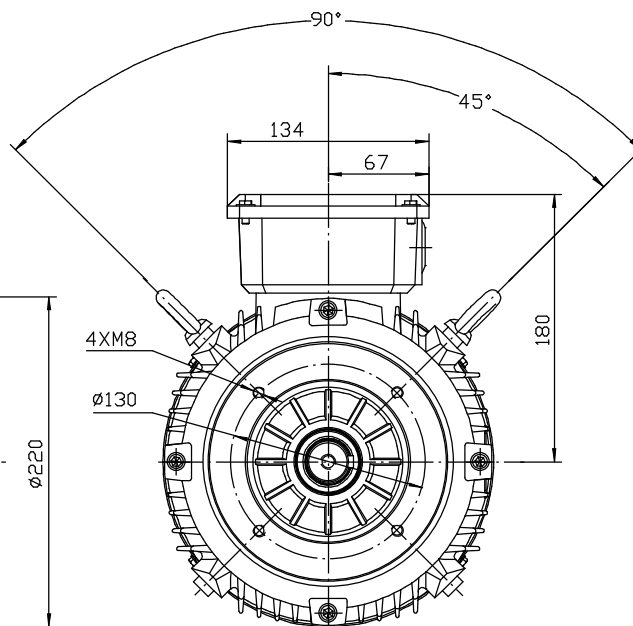
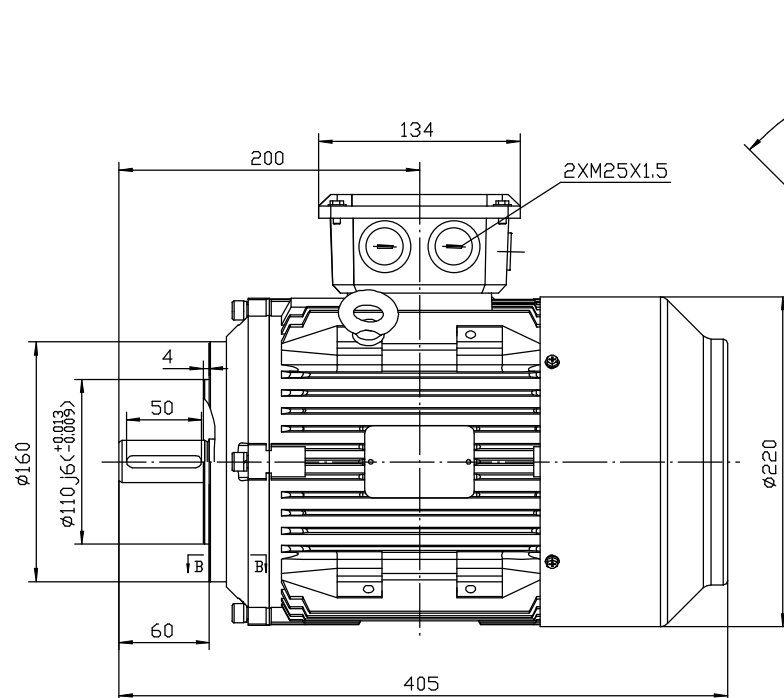
Power Factor (cos)	0.88
Tmin/Tn	1.8
Ist/In (Times)	9.5
Net Weight (Kg)	41
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6306 2RS C3

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



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