



MOTOR DATA SHEET

MOTOR PART CODE:

15.063TECCB3-IE2

FRAME SIZE:

180L-6

50Hz

Output (kW)	15
Rotation Speed (rpm)	960
Voltage	400/690
Full Load Current (A)	30.94/17.87
Full Load Torque (Nm)	149.2

60Hz

Output (kW)	18
Rotation Speed (rpm)	1152
Voltage	480/828
Full Load Current (A)	30.94/17.87
Full Load Torque (Nm)	124.33

Efficiency Data

100%	75%	50%
89.7	90.8	89.3

Factory Reference	T2C 180L-6
Tst/Tn (times)	2.5
Tmax/Tn	2.8
Noise (dB)	73
Moment of inertia	0.25695
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M32× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6311 C3

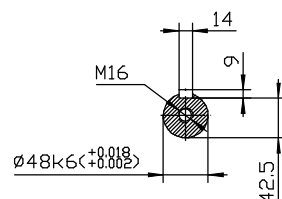
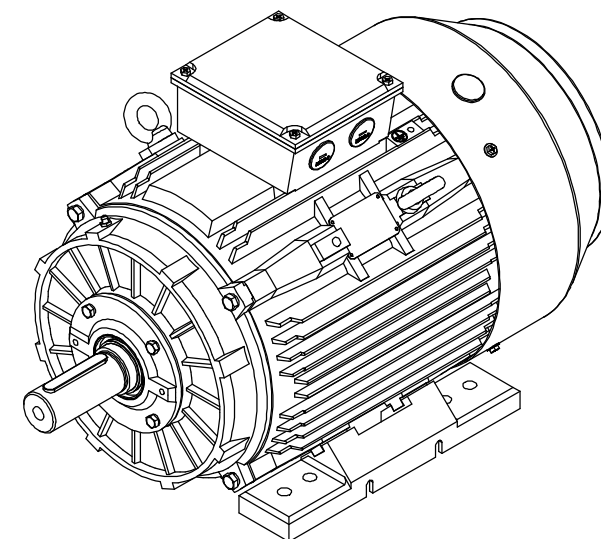
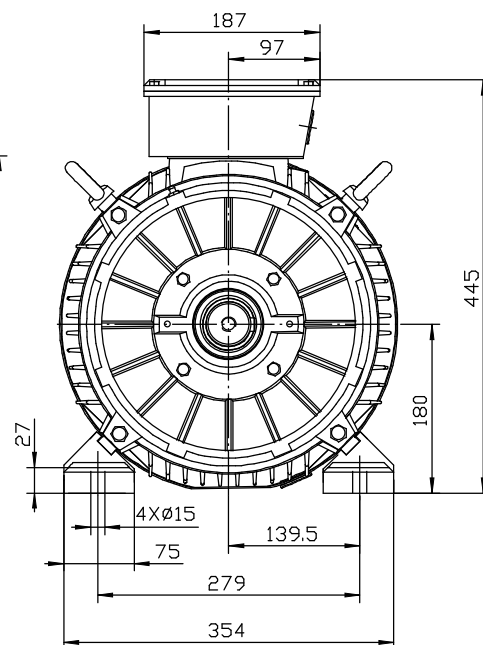
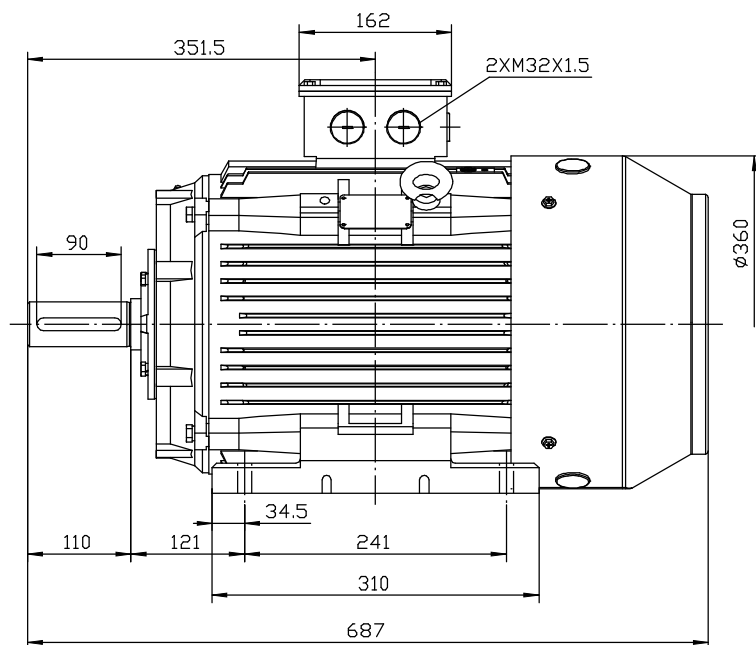
Power Factor (cos)	0.78
Tmin/Tn	1.5
Ist/In (Times)	9
Net Weight (Kg)	179
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6311 C3

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 180 B3
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Approved by	Date	
L. Overton	27/11/2017	
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