



MOTOR DATA SHEET

MOTOR PART CODE:

7.543TECCB5-IE2

FRAME SIZE:

132M-4

50Hz

Output (kW)	7.5
Rotation Speed (rpm)	1440
Voltage	400/690
Full Load Current (A)	14.7/8.49
Full Load Torque (Nm)	49.74

60Hz

Output (kW)	9
Rotation Speed (rpm)	1728
Voltage	480/828
Full Load Current (A)	14.7/8.49
Full Load Torque (Nm)	41.45

Efficiency Data

100%	75%	50%
88.7	89.8	87.5

Factory Reference	T2C 132M-4
Tst/Tn (times)	2.2
Tmax/Tn	3
Noise (dB)	71
Moment of inertia	0.03981
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)	6308 2RS C3

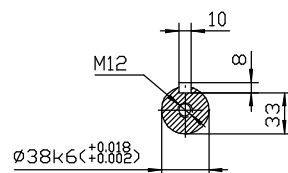
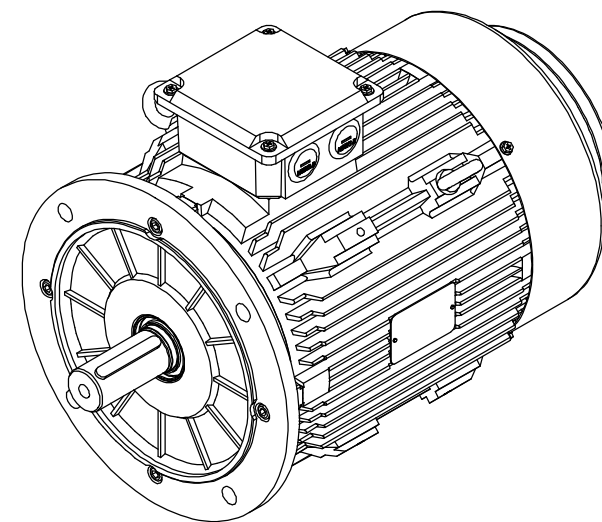
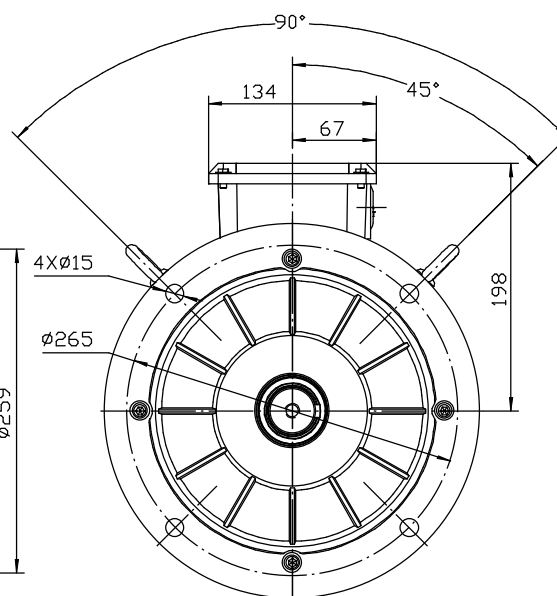
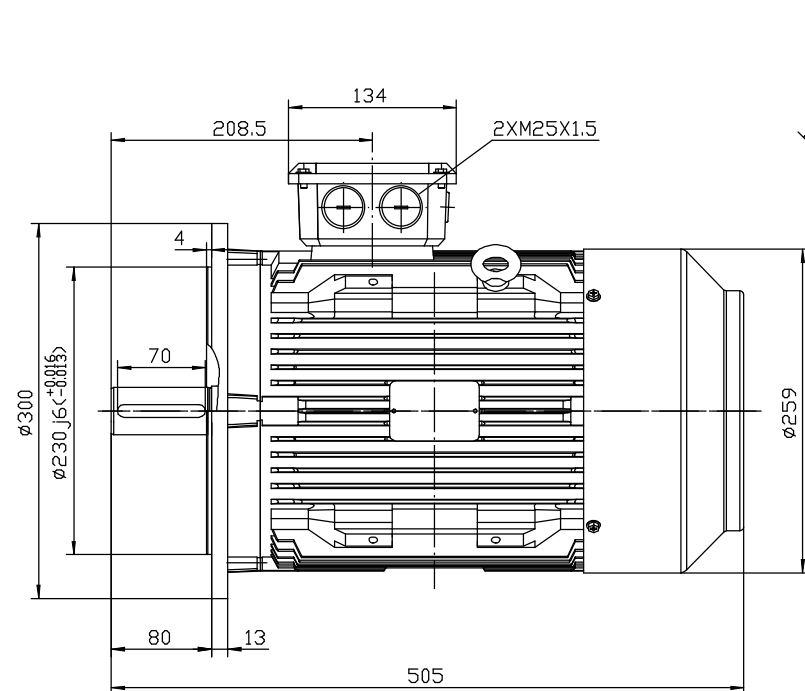
Power Factor (cos)	0.83
Tmin/Tn	1.6
Ist/In (Times)	9
Net Weight (Kg)	77.5
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6308 2RS C3

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 132M B5
A442313	27/11/2017	
Approved by	Date	
L. Overton	27/11/2017	
Issue No =	Date	
BM01/A001	27/11/2017	

