



MOTOR DATA SHEET

MOTOR PART CODE:

90.063TECCB3-IE2

FRAME SIZE:

315M-6

50Hz

Output (kW)	90
Rotation Speed (rpm)	980
Voltage	400/690
Full Load Current (A)	162.58/93.86
Full Load Torque (Nm)	877

60Hz

Output (kW)	108
Rotation Speed (rpm)	1176
Voltage	480/828
Full Load Current (A)	162.58/93.86
Full Load Torque (Nm)	730.83

Efficiency Data

100%	75%	50%
94	94.6	92.3

Factory Reference	T2C 315M-6
Tst/Tn (times)	2
Tmax/Tn	2.3
Noise (dB)	85
Moment of inertia	3.90933
Type of feet	Fixed feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M63× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	NU319 C3

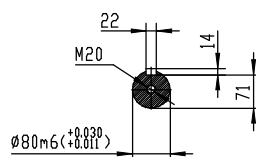
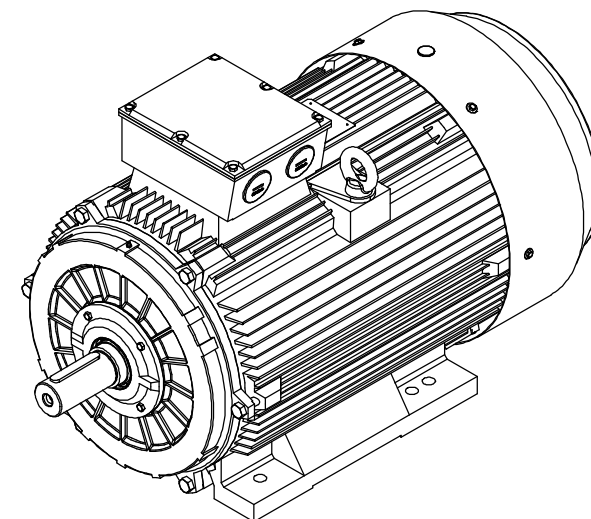
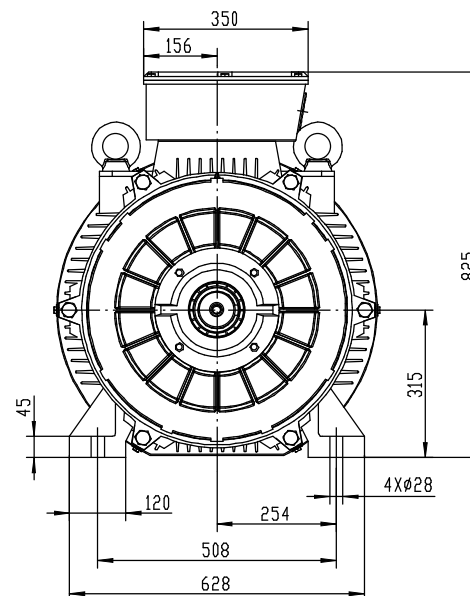
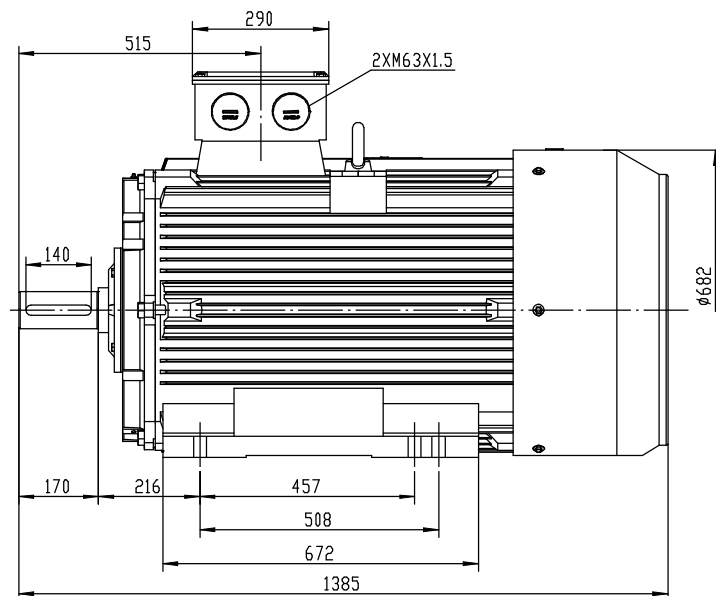
Power Factor (cos)	0.85
Tmin/Tn	1.3
Ist/In (Times)	7
Net Weight (Kg)	913
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6319 C3

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 315ML 4, 6 & 8PL B3
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L. Overton	27/11/2017	
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