



MOTOR DATA SHEET

MOTOR PART CODE:

3.023TECAB5-90-IE2

FRAME SIZE:

90L2-2

50Hz

Output (kW)	3
Rotation Speed (rpm)	2880
Voltage	230/400
Full Load Current (A)	10.43 6.02
Full Load Torque (Nm)	9.947916667

60Hz

Output (kW)	3.6
Rotation Speed (rpm)	3456
Voltage	276 480
Full Load Current (A)	10.43 6.02
Full Load Torque (Nm)	8.29

Efficiency Data

100%	75%	50%
84.6	85.8	85.2

Factory Reference	T2A 90L2-2
Tst/Tn (times)	3.4
Tmax/Tn	3.3
Noise (dB)	74
Moment of inertia	0.002965955
Type of feet	No Feet Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	1 - M20 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6205 2RS C3

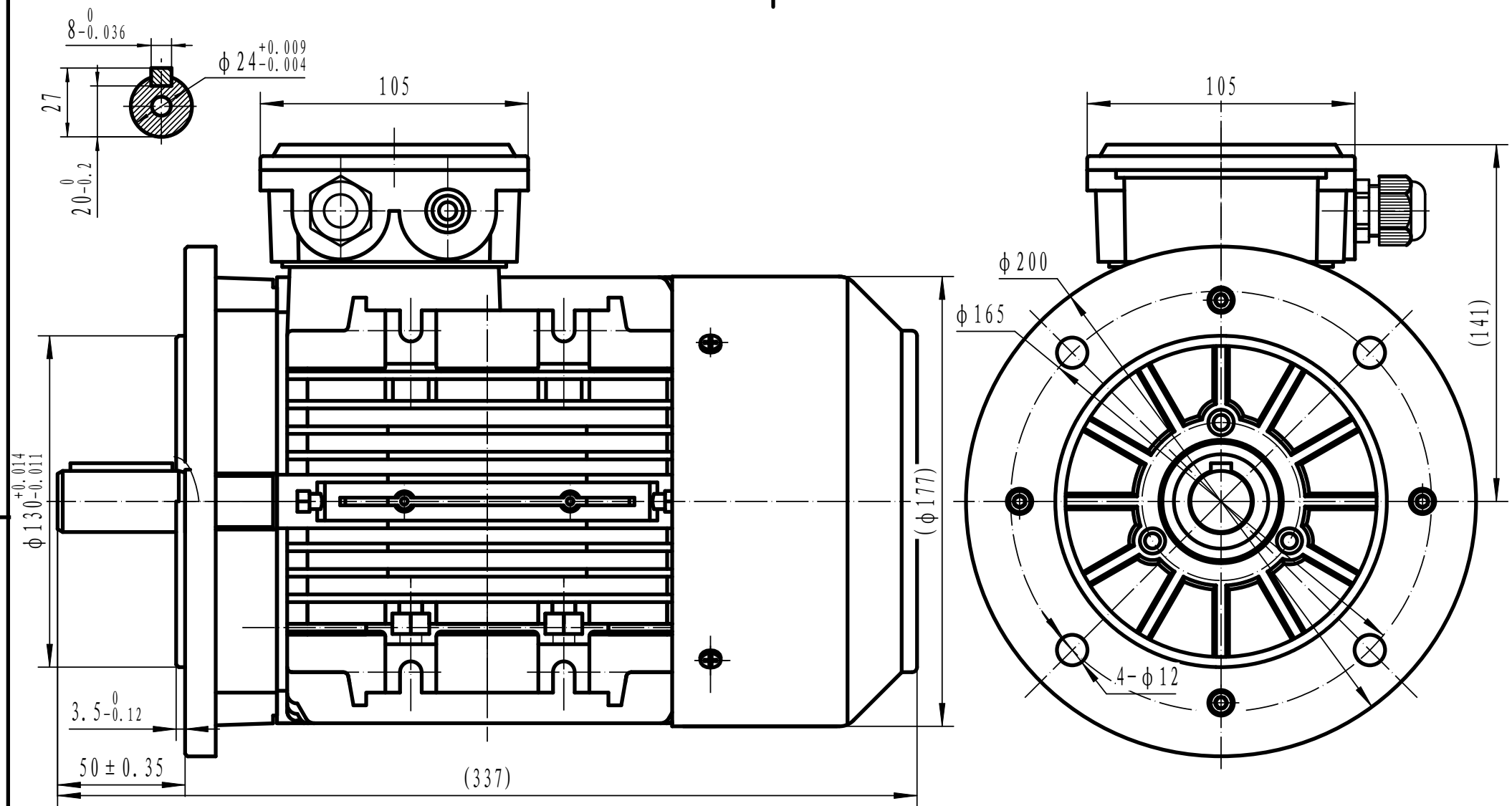
Power Factor (cos)	0.85
Tmin/Tn	2.3
Ist/In (Times)	7.9
Net Weight (Kg)	17.2
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to +40°
Bearing Brand	NSK
Bearing (NDE)	6205 2RS C3

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)**

www.tecmotors.co.uk

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



Drawn By	Date
TECHTOP	27/11/2017
Approved by	Date
L. Overton	27/11/2017
Issue No =	Date
001/A	27/11/2017

TA90LB5

