



MOTOR DATA SHEET

MOTOR PART CODE:

4.023TECAB14B-IE3

FRAME SIZE:

112M1-2

50Hz

Output (kW)	4
Rotation Speed (rpm)	2920
Voltage	400/690
Full Load Current (A)	7.2 4.16
Full Load Torque (Nm)	13.08219178

60Hz

Output (kW)	4.8
Rotation Speed (rpm)	3504
Voltage	480 828
Full Load Current (A)	7.2 4.16
Full Load Torque (Nm)	10.90

Efficiency Data

100%	75%	50%
88.1	88.2	87

Factory Reference	T3A 112M1-2
Tst/Tn (times)	3.4
Tmax/Tn	3.9
Noise (dB)	77
Moment of inertia	0.007505099
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M25 × 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	6306 2RS C3

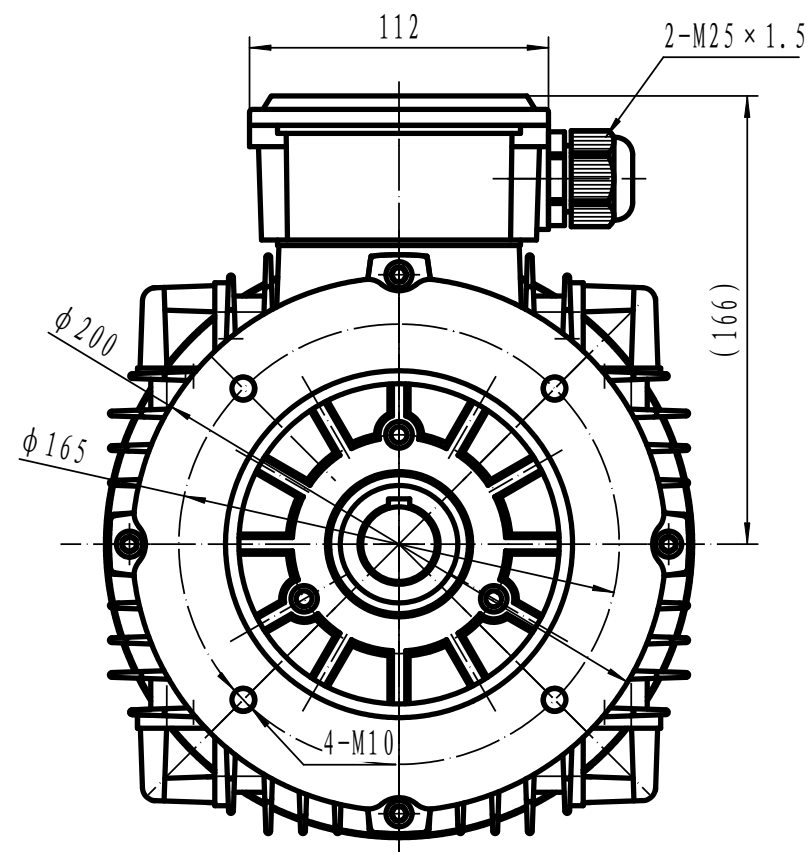
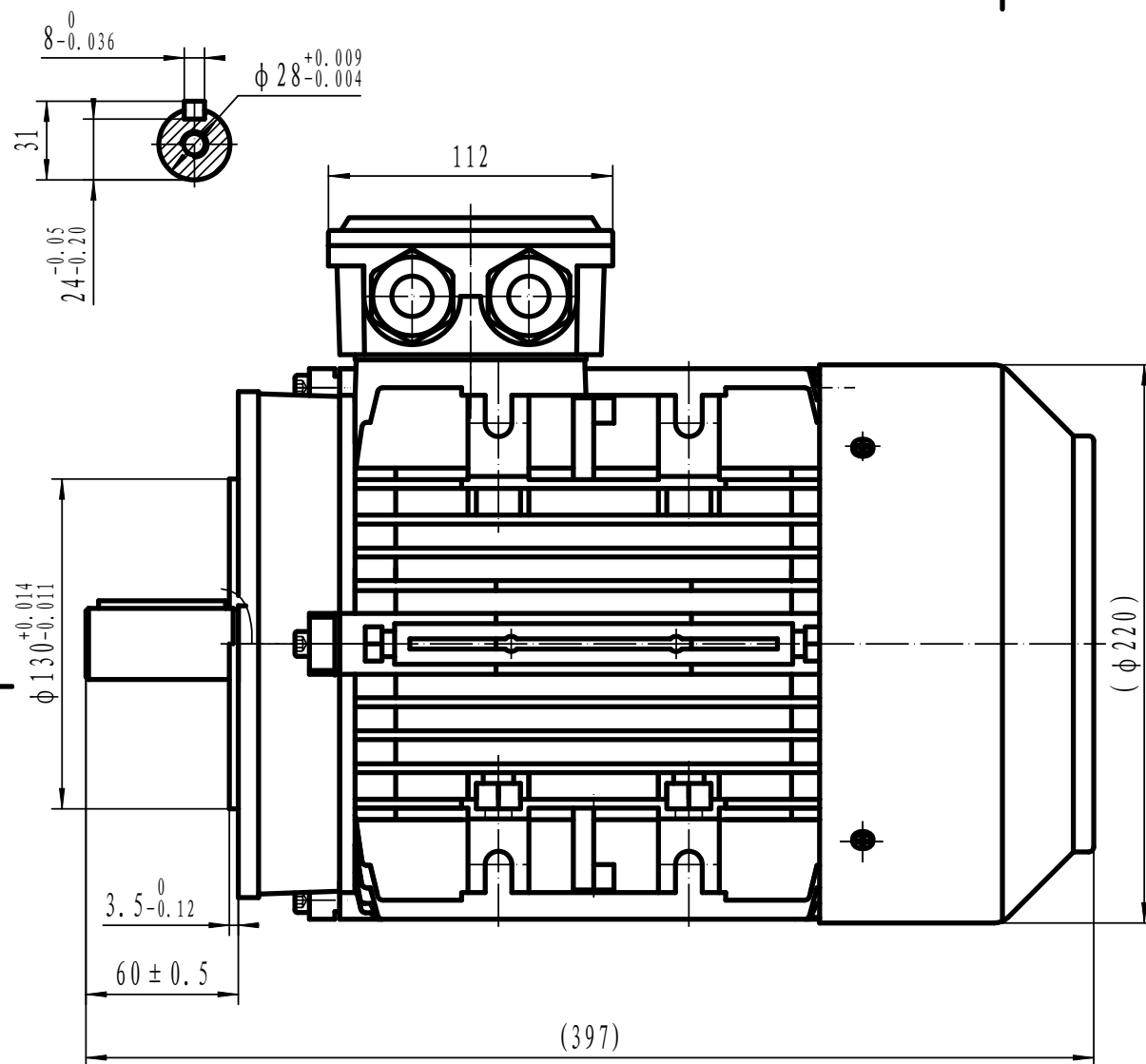
Power Factor (cos)	0.91
Tmin/Tn	2.4
Ist/In (Times)	10.5
Net Weight (Kg)	30.1
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6206 2RS C3

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	TA112B14B
TECHTOP	27/11/2017	
Approved by	Date	 www.tecmotors.co.uk
L. Overton	27/11/2017	
Issue No =	Date	
001/A	27/11/2017	