



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**4.023TECAB35-IE2**

**FRAME SIZE:**

**112M-2**

	50Hz
Output (kW)	4
Rotation Speed (rpm)	2910
Voltage	400/690
Full Load Current (A)	7.73   4.47
Full Load Torque (Nm)	13.12714777

	60Hz
Output (kW)	4.8
Rotation Speed (rpm)	3492
Voltage	480   828
Full Load Current (A)	7.73   4.47
Full Load Torque (Nm)	10.94

## Efficiency Data

100%	75%	50%
85.8	85.7	84

Factory Reference	MS2 112M-2
Tst/Tn (times)	3.4
Tmax/Tn	3.8
Noise (dB)	77
Moment of inertia	0.006265535
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M25 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6306 2RS C3

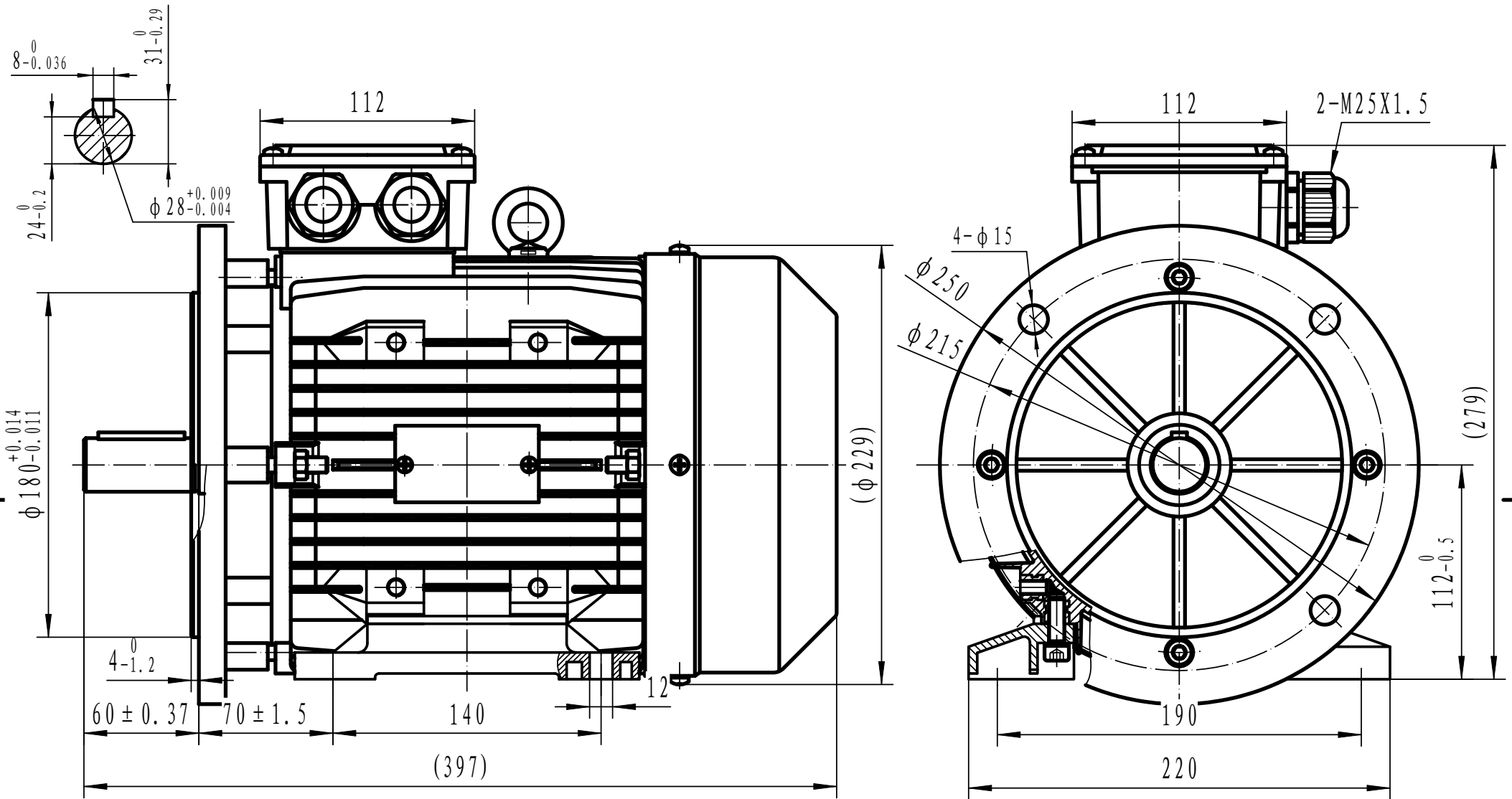
Power Factor (cos)	0.87
Tmin/Tn	2.2
Ist/In (Times)	9.7
Net Weight (Kg)	26.4
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to + 40°C
Bearing Brand	NSK
Bearing (NDE)	6206 2RS C3


*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)**

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Drawn By	Date	<b>TECA 112 B35</b>
TECHTOP	27/11/2017	
Approved by	Date	 <a href="http://www.tecmotors.co.uk">www.tecmotors.co.uk</a>
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Issue No =	Date	
001/A	27/11/2017	