



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**4.043TECAB3-100-IE2**

**FRAME SIZE:**

**100L3-4**

**50Hz**

Output (kW)	4
Rotation Speed (rpm)	1440
Voltage	400/690
Full Load Current (A)	8.33   4.81
Full Load Torque (Nm)	26.52777778

**60Hz**

Output (kW)	4.8
Rotation Speed (rpm)	1728
Voltage	480   828
Full Load Current (A)	8.33   4.81
Full Load Torque (Nm)	22.11

**Efficiency Data**

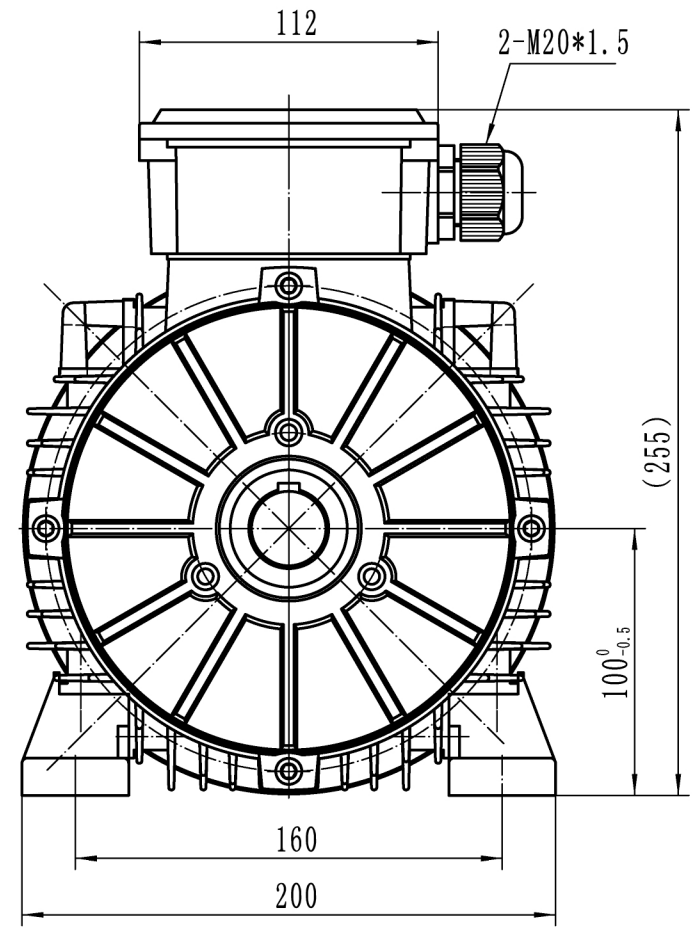
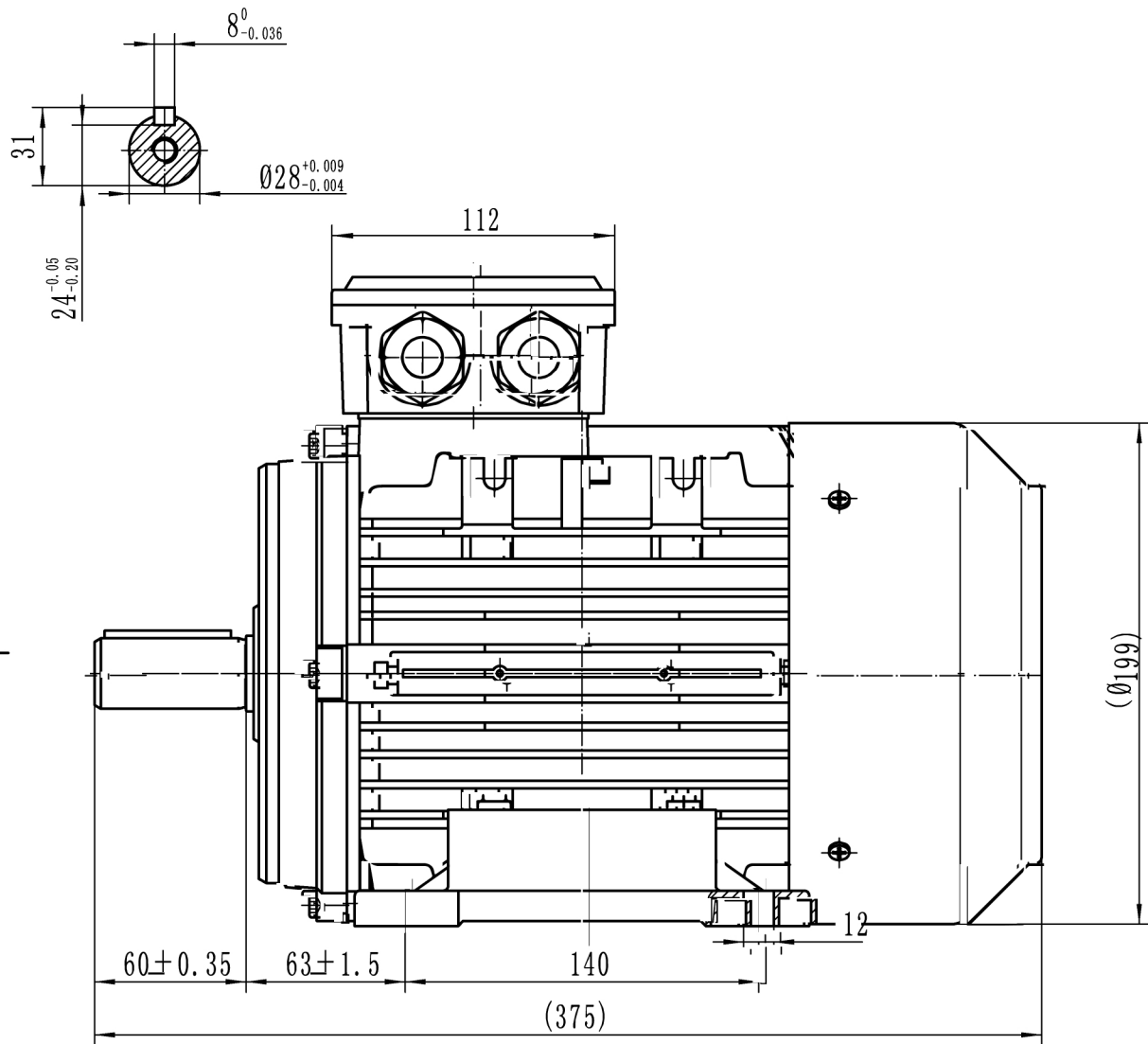
<b>100%</b>	<b>75%</b>	<b>50%</b>
86.6	87.4	86.5

Factory Reference	T2A 100L3-4
Tst/Tn (times)	2.8
Tmax/Tn	3.2
Noise (dB)	65
Moment of inertia	0.01106275
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M20 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6206 2RS C3

Power Factor (cos)	0.8
Tmin/Tn	2.3
Ist/In (Times)	7.2
Net Weight (Kg)	28.6
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)	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)**



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

**TA100B3**