



BRAKE MOTOR DATA SHEET

MOTOR PART CODE:

11.043TECAB5-BM

FRAME SIZE:

160M-4

50Hz

Output (kW)	11
Rotation Speed (rpm)	1460
Voltage	400/690
Full Load Current (A)	21.05 12.15
Full Load Torque (Nm)	71.95

60Hz

Output (kW)	13.2
Rotation Speed (rpm)	1752
Voltage	480 828
Full Load Current (A)	21.05 12.15
Full Load Torque (Nm)	59.96

Efficiency Data

100%	75%	50%
89.8	90.3	89.6

Factory Reference	MSB160M-4
Tst/Tn (times)	2.5
Tmax/Tn	2.9
Noise (dB)	75
Moment of inertia	0.08963
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M32 × 1.5
Paint Colour	RAL 7024
Brake Torque (Nm)	150
Brake Voltage	178v DC
Rectifier	Half Wave

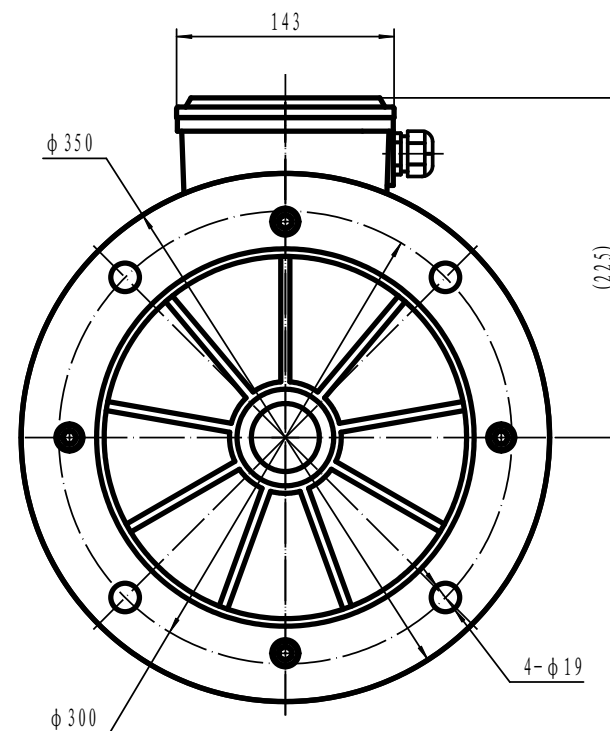
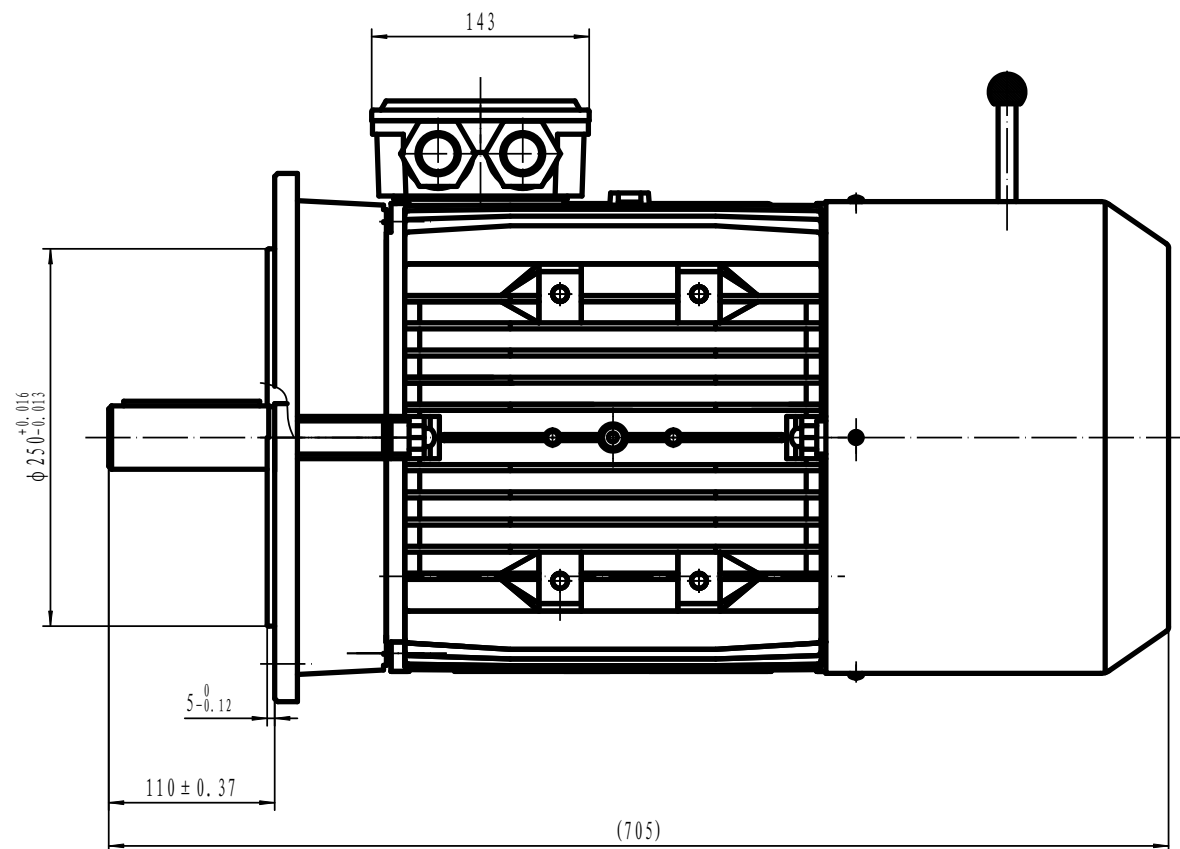
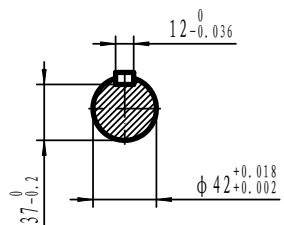
Power Factor (cos)	0.84
Tmin/Tn	1.6
Ist/In (Times)	7.3
Net Weight (Kg)	81.5
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to + 40°C
Bearing Brand	NSK
Bearing (DE)	6309 2RS C3
Bearing (NDE)	6309 2RS C3

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	TECA BM 160 B5
A442313	27/11/2017	
Approved by	Date	
L. Overton	27/11/2017	
Issue No =	Date	 www.tecmotors.co.uk
BM01/A001	27/11/2017	