



This drawing serves only as a sketch to show dimensions.
The product delivered may differ. A detailed description of the product can be found below.

AMTECS LTD		
TITLE AM1 (B5)		
SIZE	DWG NO	REV
SCALE 1 / 3.5	SHEET 1 OF 1	

Specification IEC 60034-1
Manufacturer AmTecs
Motor type AM1-IE2 160MX2
Rated power 18 kW S1 Duty
Speed 3516 rpm
Voltage 480 / 820V
Frequency 60 Hz
Connection Delta / Star
Full load current 26.9 A / 15.6 A
No-load current
Enclosure IP55
Insulation class F (temp. rise B)
Max. ambient temp 40 °C
Max. altitude 1000 mtr above sea level
Comment
Cable entry M32 x 1.5
Construction Cast Iron
Weight 117 Kg
Type number
Warranty

Efficiency class IE2
Load data 100%
Efficiency 90.3 %
Power factor 0.89
Sound pressure level (1m) 86 dB(A)
Resistance R20 (open)
Resistance R20 (Delta)
Full load torque 49 Nm
Starting / Full load torque 2.3
Pull up / Full load torque
Pull out / Full load torque 2.9
Starting / Full load current (DOL) 8.1
Starting / Full load current (Y/D)
Rotor Inertia
Bearing DE 6209
Bearing NDE 6209

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