



Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 160MX2
Rated power	18 kW S1 Duty
Speed	3534 rpm
Voltage	480 / 820V
Frequency	60 Hz
Connection	Delta / Star
Full load current	26 A / 15.01 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	Aluminium
Weight	108 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	91.9 %
Power factor	0.91
Sound pressure level (1m)	76 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	48.6 Nm
Starting / Full load torque	1.9
Pull up / Full load torque	
Pull out / Full load torque	2.3
Starting / Full load current (DOL)	7.4
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6209
Bearing NDE	6209

AmTecs Ltd	
Charnham Park, Hungerford Berkshire, RG17 0YT	
Tel: +44 (0) 1488 686970	sales@amtecs.co.uk
Fax: +44 (0) 1488 686968	www.amtecs.co.uk