



Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 90S2
Rated power	1.8 kW S1 Duty
Speed	3480 rpm
Voltage	277 / 480V
Frequency	60 Hz
Connection	Delta / Star
Full load current	5.32 A / 3.06 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	M20 x 1.5
Construction	Aluminium
Weight	19 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	84.2 %
Power factor	0.84
Sound pressure level (1m)	67 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	4.94 Nm
Starting / Full load torque	2.4
Pull up / Full load torque	
Pull out / Full load torque	3.1

Starting / Full load current (DOL)	9.0
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6205
Bearing NDE	6205

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