



Remarks:

1. Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5

DRAWN JamesSouter	23/01/2024	<b>AMTECS LTD</b>		
CHECKED Oliver Young	29/01/2024			
QA		TITLE		
MFG		AMA3-IE3 90L (B14L)		
APPROVED		SIZE A3	DWG NO AMA3-IE3 (B14L)	REV
		SCALE 1 / 4	SHEET 1 OF 1	

Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AMA3-IE3 90L2**  
 Rated power **2.2 kW S1 Duty**  
 Speed **2915 rpm**  
 Voltage **220V / 400V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **7.56 A / 4.35 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 **21.5 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **85.9 %**  
 Power factor **0.85**  
 Sound pressure level (1m) **62** dB(A)  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **7.21** Nm  
 Starting / Full load torque **2.6**  
 Pull up / Full load torque  
 Pull out / Full load torque **3.5**  
 Starting / Full load current (DOL) **8.5**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6205**  
 Bearing NDE **6205**

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