



Remarks:

- Glands: 1 off M20 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M20 x 1.5
- Eye bolt M8

DRAWN James Souter	29/01/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young	31/01/2024		
QA		AMA3-IE3 100L (B14S)	
MFG		SIZE A3	DWG NO AMA3-IE3 100L (B14S)
APPROVED		SCALE 1 / 4	REV
		SHEET 1 OF 1	

**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AMA3-IE3 100L2**  
**Rated power 3.6 kW S1 Duty**  
**Speed 3492 rpm**  
**Voltage 277 / 480V**  
**Frequency 60 Hz**  
**Connection Delta / Star**  
**Full load current 9.9 A / 5.71 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 30.5 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE3**  
**Load data 100%**  
**Efficiency 87.1 %**  
**Power factor 0.87**  
**Sound pressure level (1m) 70 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 9.85 Nm**  
**Starting / Full load torque 3.1**  
**Pull up / Full load torque**  
**Pull out / Full load torque 3.4**  
**Starting / Full load current (DOL) 9.0**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6206**  
**Bearing NDE 6206**

<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