



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	26/01/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young	31/01/2024		
QA		AMA3-IE3 100L (B14L)	
MFG		SIZE A3	DWG NO AMA3-IE3 100L (B14L)
APPROVED		SCALE 1 / 4	REV
		SHEET 1 OF 1	

Specification	<b>IEC 60034-1</b>
Manufacturer	<b>AmTecs</b>
Motor type	<b>AMA3-IE3 100LX4</b>
Rated power	<b>3 kW S1 Duty</b>
Speed	<b>1450 rpm</b>
Voltage	<b>220V / 400V</b>
Frequency	<b>50 Hz</b>
Connection	<b>Delta / Star</b>
Full load current	<b>10.5 A / 6.02 A</b>
No-load current	
Enclosure	<b>IP55</b>
Insulation class	<b>F (temp. rise B)</b>
Max. ambient temp	<b>40 °C</b>
Max. altitude	<b>1000 mtr above sea level</b>
Comment	
Cable entry	<b>M20 x 1.5</b>
Construction	<b>Aluminium</b>
Weight	<b>38.5 Kg</b>
Type number	
Warranty	

Efficiency class	<b>IE3</b>
Load data	<b>100%</b>
Efficiency	<b>87.7 %</b>
Power factor	<b>0.82</b>
Sound pressure level (1m)	<b>56 dB(A)</b>
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	<b>19.8 Nm</b>
Starting / Full load torque	<b>3.2</b>
Pull up / Full load torque	
Pull out / Full load torque	<b>3.7</b>
Starting / Full load current (DOL)	<b>8.8</b>
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	<b>6206</b>
Bearing NDE	<b>6206</b>

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