



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 James Souter	25/01/2024	AMTECS LTD		
CHECKED Oliver Young	26/01/2024			
QA		TITLE AMA3-IE3 80 (B3)		
MFG				
APPROVED				
		SIZE A3	DWG NO AMA3-IE3 80 (B3)	REV
		SCALE 1 / 4	SHEET 1 OF 1	

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 80K2
Rated power	0.9 kW S1 Duty
Speed	3480 rpm
Voltage	277 / 480V
Frequency	60 Hz
Connection	Delta / Star
Full load current	2.85 A / 1.64 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	M20x1.5
Construction	Aluminium
Weight	13.5 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	80.7 %
Power factor	0.82
Sound pressure level (1m)	63 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	2.47 Nm
Starting / Full load torque	2.7
Pull up / Full load torque	
Pull out / Full load torque	2.9

Starting / Full load current (DOL)	8.5
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6204
Bearing NDE	6204

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