



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	24/01/2024	AMTECS LTD	
CHECKED	Oliver Young	29/01/2024		
QA			AMA3-IE3 90S (B3)	
MFG			SIZE	DWG NO
APPROVED			A3	AMA3-IE3 90S (B3)
			SCALE	1 / 4
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AMA3-IE3 90S4
Rated power	1.1 kW S1 Duty
Speed	1445 rpm
Voltage	220V / 400V
Frequency	50 Hz
Connection	Delta / Star
Full load current	4.32 A / 2.48 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	20 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	84.1 %
Power factor	0.76
Sound pressure level (1m)	54 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	7.27 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	3
Starting / Full load current (DOL)	8
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6205
Bearing NDE	6205

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