



- Remarks:
1. Glands: 1 off M63 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M63 x 1.5
 2. Eye bolt M20
 3. 3 off PTC Thermistors 150°C
 4. DE and NDE Regreasing points

DRAWN	JamesSouter	10/04/2024	AMTECS LTD	
CHECKED	Oliver Young	25/06/2024		
QA			AM3-IE3 250M2 (B35)	
MFG			SIZE	DWG NO
APPROVED			A3	AM3-IE3 250M2 (B35)
			SCALE	1:6
				SHEET 1 OF 1

Specification	IEC 60034-1
Manufacturer	AmTecs
Motor type	AM3-IE3 250M2
Rated power	55 kW S1 Duty
Speed	2965 rpm
Voltage	400V / 690V
Frequency	50 Hz
Connection	Delta / Star
Full load current	94.6 A / 54.8 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	M63 x 1.5
Construction	Cast Iron
Weight	407 Kg
Type number	
Warranty	

Efficiency class	IE3
Load data	100%
Efficiency	94.3 %
Power factor	0.89
Sound pressure level (1m)	89 dB(A)
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	177.2 Nm
Starting / Full load torque	2.5
Pull up / Full load torque	
Pull out / Full load torque	3.2
Starting / Full load current (DOL)	7.8
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	6313
Bearing NDE	6313

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