



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 M24
3. 3 off PTC Thermistors 150°C
4. DE and NDE Regreasing points

DRAWN James Souter 12/04/2024	<b>AMTECS LTD</b>	
CHECKED Oliver Young 11/07/2024		
QA	TITLE	
MFG	AM3-IE3 280S2 (B3)	
APPROVED	SIZE A3	REV
	DWG NO AM3-IE3 280S2 (B3)	
	SCALE 1:11	SHEET 1 OF 1

Specification	<b>IEC 60034-1</b>
Manufacturer	<b>AmTecs</b>
Motor type	<b>AM3-IE3 280S2</b>
Rated power	<b>75 kW S1 Duty</b>
Speed	<b>2970 rpm</b>
Voltage	<b>400V / 690V</b>
Frequency	<b>50 Hz</b>
Connection	<b>Delta / Star</b>
Full load current	<b>128.4 A / 74.5 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>M63 x 1.5</b>
Construction	<b>Cast Iron</b>
Weight	<b>575 Kg</b>
Type number	
Warranty	

Efficiency class	<b>IE3</b>
Load data	<b>100%</b>
Efficiency	<b>94.7 %</b>
Power factor	<b>0.89</b>
Sound pressure level (1m)	<b>91 dB(A)</b>
Resistance R20 (open)	
Resistance R20 (Delta)	
Full load torque	<b>241.2 Nm</b>
Starting / Full load torque	<b>2.5</b>
Pull up / Full load torque	
Pull out / Full load torque	<b>3.1</b>
Starting / Full load current (DOL)	<b>7.8</b>
Starting / Full load current (Y/D)	
Rotor Inertia	
Bearing DE	<b>6314</b>
Bearing NDE	<b>6314</b>

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