



- Remarks:
1. Glands: 1 off M32 x 1.5 and 1 off M16 x 1.5, Blanking plug 1 off M32 x 1.5
  2. Eye bolt M12
  3. 3 off PTC Thermistors 150°C
  4. DE and NDE Regreasing points

DRAWN	James Souter	28/03/2024	<b>AMTECS LTD</b>	
CHECKED	Oliver Young	25/06/2024		
QA			TITLE	
MFG			AM3-IE3 180L (B35)	
APPROVED			SIZE	DWG NO
			A3	AM3-IE3 180L (B35)
			SCALE	2:9
				SHEET 1 OF 1

Specification **IEC 60034-1**  
 Manufacturer **AmTecs**  
 Motor type **AM3-IE3 180L4**  
 Rated power **22 kW S1 Duty**  
 Speed **1465 rpm**  
 Voltage **400V / 690V**  
 Frequency **50 Hz**  
 Connection **Delta / Star**  
 Full load current **39.7 A / 23 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 **M32 x 1.5**  
 Construction **Cast Iron**  
 Weight **209 Kg**  
 Type number  
 Warranty

Efficiency class **IE3**  
 Load data **100%**  
 Efficiency **93 %**  
 Power factor **0.86**  
 Sound pressure level (1m) **76 dB(A)**  
 Resistance R20 (open)  
 Resistance R20 (Delta)  
 Full load torque **143.4 Nm**  
 Starting / Full load torque **2.6**  
 Pull up / Full load torque  
 Pull out / Full load torque **2.8**  
 Starting / Full load current (DOL) **8**  
 Starting / Full load current (Y/D)  
 Rotor Inertia  
 Bearing DE **6311**  
 Bearing NDE **6211**

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