## AMAB-IE3 80G2 (B34S)

## AMTECS

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				AMA (B34S)	
	a sketch to show dimensions.			SIZE DWG NO	R
The product delivered may c	liffer. A detailed description of	-	W		SHEET 1 OF 1
0	5	<sup>4</sup> <b>†</b>	5		I I
Specification	IEC 60034-1		Efficiency class		IE3
Manufacturer AmTecs			Load data		4000/
Motor type	AMAB-IE3 80G2				100%
Rated power <b>1.1</b> kW <b>S1</b> Duty			Efficiency		82.7 %
Raleu power		uty	Efficiency Power factor		
Speed	1.1 kW S1 D 2910 rpm	uty	Power factor Sound pressure le		<b>82.7</b> %
Speed Voltage	1.1 kW S1 D 2910 rpm 220V / 400V	uty	Power factor Sound pressure le Resistance R20 (	open)	82.7 % 0.83
Speed Voltage Frequency	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz	uty	Power factor Sound pressure le	open)	82.7 % 0.83
Speed Voltage Frequency Connection	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star	uty	Power factor Sound pressure le Resistance R20 ( Resistance R20 (	open)	82.7 % 0.83 65 dB(A)
Speed Voltage Frequency Connection Full load current	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz	uty	Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque	open) Delta)	82.7 % 0.83 65 dB(A) 3.61 Nm
Speed Voltage Frequency Connection Full load current No-load current	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A	uty	Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load	open) Delta) d torque	82.7 % 0.83 65 dB(A)
Speed Voltage Frequency Connection Full load current No-load current Enclosure	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A	uty	Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load	open) Delta) d torque torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B)	uty	Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load	open) Delta) d torque torque	82.7 % 0.83 65 dB(A) 3.61 Nm
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load	open) Delta) d torque torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B)		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load	open) Delta) d torque torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above se		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load	open) Delta) d torque torque d torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2 2.3
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load	open) Delta) d torque torque d torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2 2.3
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above set M20x1.5 Aluminium		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load	open) Delta) d torque torque d torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2 2.3
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry	1.1       kW       S1       Diagram         2910       rpm         220V / 400V         50       Hz         Delta / Star         4.02       A / 2.31         IP55         F (temp. rise B)         40       °C         1000       mtr above set         M20x1.5		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load	open) Delta) d torque torque d torque	82.7 % 0.83 65 dB(A) 3.61 Nm 2.2 2.3
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction Weight	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above set M20x1.5 Aluminium		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load Rotor Inertia	open) Delta) d torque torque d torque	<ul> <li>82.7 %</li> <li>0.83</li> <li>65 dB(A)</li> <li>3.61 Nm</li> <li>2.2</li> <li>2.3</li> <li>7.6</li> </ul>
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction Weight Type number	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above set M20x1.5 Aluminium		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load Rotor Inertia Bearing DE	open) Delta) d torque torque d torque	<ul> <li>82.7 %</li> <li>0.83</li> <li>65 dB(A)</li> <li>3.61 Nm</li> <li>2.2</li> <li>2.3</li> <li>7.6</li> <li>6204</li> </ul>
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction Weight Type number Warranty	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above set M20x1.5 Aluminium 12.6 Kg		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load Rotor Inertia Bearing DE Bearing NDE	open) Delta) d torque torque d torque d current (DOL) d current (Y/D)	<ul> <li>82.7 %</li> <li>0.83</li> <li>65 dB(A)</li> <li>3.61 Nm</li> <li>2.2</li> <li>2.3</li> <li>7.6</li> <li>6204</li> </ul>
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction Weight Type number Warranty Brake Torque	1.1       kW       S1       Diversion of the set of		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load Rotor Inertia Bearing DE Bearing NDE	open) Delta) d torque torque d torque d current (DOL) d current (Y/D)	<ul> <li>82.7 %</li> <li>0.83</li> <li>65 dB(A)</li> <li>3.61 Nm</li> <li>2.2</li> <li>2.3</li> <li>7.6</li> <li>6204</li> </ul>
Speed Voltage Frequency Connection Full load current No-load current Enclosure Insulation class Max. ambient temp Max. altitude Comment Cable entry Construction Weight Type number Warranty Brake Torque Brake Response	1.1 kW S1 D 2910 rpm 220V / 400V 50 Hz Delta / Star 4.02 A / 2.31 A IP55 F (temp. rise B) 40 °C 1000 mtr above set M20x1.5 Aluminium 12.6 Kg 8 (Nm) 0.3 (ms)		Power factor Sound pressure la Resistance R20 ( Resistance R20 ( Full load torque Starting / Full load Pull up / Full load Pull out / Full load Starting / Full load Starting / Full load Rotor Inertia Bearing DE Bearing NDE	open) Delta) d torque torque d torque d current (DOL) d current (Y/D) <b>td</b> ungerford 7 0YT	<ul> <li>82.7 %</li> <li>0.83</li> <li>65 dB(A)</li> <li>3.61 Nm</li> <li>2.2</li> <li>2.3</li> <li>7.6</li> <li>6204</li> </ul>

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We make all efforts to better our products. Versions, technical data and figures could be changed therefore. They are not binding before written confirmation.

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