



|                   |                                 |
|-------------------|---------------------------------|
| Specification     | <b>IEC 60034-1</b>              |
| Manufacturer      | <b>AmTecs</b>                   |
| Motor type        | <b>AMA3-IE3 160M2</b>           |
| Rated power       | <b>11 kW S1 Duty</b>            |
| Speed             | <b>2945 rpm</b>                 |
| Voltage           | <b>400V / 690V</b>              |
| Frequency         | <b>50 Hz</b>                    |
| Connection        | <b>Delta / Star</b>             |
| Full load current | <b>19.6 A / 11.3 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>M32 x 1.5</b>                |
| Construction      | <b>Aluminium</b>                |
| Weight            | <b>99 Kg</b>                    |
| Type number       |                                 |
| Warranty          |                                 |

|                                    |                 |
|------------------------------------|-----------------|
| Efficiency class                   | <b>IE3</b>      |
| Load data                          | <b>100%</b>     |
| Efficiency                         | <b>91.2 %</b>   |
| Power factor                       | <b>0.89</b>     |
| Sound pressure level (1m)          | <b>71 dB(A)</b> |
| Resistance R20 (open)              |                 |
| Resistance R20 (Delta)             |                 |
| Full load torque                   | <b>35.7 Nm</b>  |
| Starting / Full load torque        | <b>2.2</b>      |
| Pull up / Full load torque         |                 |
| Pull out / Full load torque        | <b>3.6</b>      |
| Starting / Full load current (DOL) | <b>8.8</b>      |
| Starting / Full load current (Y/D) |                 |
| Rotor Inertia                      |                 |
| Bearing DE                         | <b>6209</b>     |
| Bearing NDE                        | <b>6209</b>     |

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