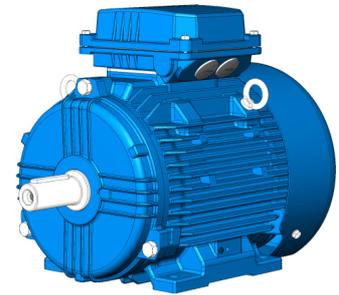


|                               |  |
|-------------------------------|--|
| <b>Standard</b>               | IEC 60034                                    |
| <b>Area</b>                   | Safe Area                                    |
| <b>Type</b>                   | TCA 100L06                                   |
| <b>Poles</b>                  | 6 pole                                       |
| <b>Frame size</b>             | 100L   |
| <b>Material</b>               | Cast iron frame                              |
| <b>Environment conditions</b> | -20°C to +40°C, up to 1000 m above sea level |
| <b>Voltage</b>                | 230/400V 50Hz, 460VY 60Hz                    |



|                                 | at 50Hz   | at 60Hz* | at 60Hz** |   |
|---------------------------------|---|----------|-----------|---|
| <b>Output</b>                   | <b>1.5 kW</b>                                   | 1.5 kW   | 1.73 kW   | *Nominal (50Hz) Output<br>**Increased (60Hz) Output |
| <b>Speed</b>                    | <b>972 rpm</b>                                  | 1175 rpm | 1171 rpm  |   |
| <b>Current at 380V 50Hz</b>     | <b>3.82 A</b>                                   | n/a      | n/a       |   |
| <b>Current at 400V 50Hz</b>     | <b>3.62 A</b>                                   | n/a      | n/a       |   |
| <b>Current at 415V 50Hz</b>     | <b>3.49 A</b>                                   | n/a      | n/a       |   |
| <b>Current at 460V 60Hz</b>     | n/a   | 3.22 A   | 3.76 A    |   |
| <b>Efficiency class</b>         | <b>IE3</b>                                      | IE1      | IE1       |   |
| <b>Efficiency at 100% load</b>  | <b>82.5%</b>                                    | 83.7%    | 77.0%     |   |
| <b>Efficiency at 75% load</b>   | <b>82.5%</b>                                    | 82.3%    | 77.0%     |   |
| <b>Efficiency at 50% load</b>   | <b>78.8%</b>                                    | 78.2%    | 77.0%     |   |
| <b>Power factor (cos fi)</b>    | <b>0.72</b>                                     | 0.70     | 0.75      |   |
| <b>Torque</b>                   | <b>14.7 Nm</b>                                  | 12.1 Nm  | 14.1 Nm   |   |
| <b>Starting current [ratio]</b> | <b>6.6</b>                                      | 7.9      | 7.3       |   |
| <b>Starting torque [ratio]</b>  | <b>2.6</b>                                      | 2.8      | 2.4       |   |
| <b>Breakdown torque [ratio]</b> | <b>3.1</b>                                      | 3.5      | 3.0       |   |
| <b>Insulation class</b>         | F (155°C)/ temperature rise B (80K)             |          |           |   |
| <b>Protection</b>               | IP55  |          |           |   |
| <b>Weight</b>                   | 38. kg  |          |           |   |
| <b>Available Mounting</b>       | B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1 |          |           |   |
| <b>Thermal Protection</b>       | 3x PTCs   |          |           |   |
| <b>Moment of Inertia</b>        | 0.0153 kg.m <sup>2</sup>                        |          |           |   |

