

### Three-phase asynchronous motor

**MOTOR FRAME:** Aluminium

**Motor type:** WP-DA132STX-C 4P 5,5KW 575V 60Hz B14 IE3

**Motor item number:** 132W002228T

Performance figures are subject to IEC tolerances.

|                              |              |                        |
|------------------------------|--------------|------------------------|
| <b>Rated power:</b>          | <b>kW</b>    | <b>5,5 (7,5 HP) kW</b> |
| <b>Poles(Synch speed):</b>   | <b>r.p.m</b> | <b>4p (1500) r.p.m</b> |
| <b>Full load speed:</b>      | <b>r.p.m</b> | <b>1755 r.p.m</b>      |
| <b>Voltage:</b>              | <b>V</b>     | <b>575 V</b>           |
| <b>Frequency:</b>            | <b>Hz</b>    | <b>60 Hz</b>           |
| <b>Connection:</b>           |              | <b>Δ</b>               |
| <b>Amps full load (FLA):</b> | <b>A</b>     | <b>7,8 A</b>           |
| <b>Amps no-load (NLA):</b>   | <b>A</b>     | <b>4,1 A</b>           |

|                               |                         |                              |                 |
|-------------------------------|-------------------------|------------------------------|-----------------|
| <b>Enclosure:</b>             | <b>IP55</b>             | <b>Cable entries size:</b>   | <b>2 x CM25</b> |
| <b>Mounting:</b>              | <b>IM B14 (IM 3601)</b> | <b>Winding protection:</b>   | <b>N/A</b>      |
| <b>Insulation Class:</b>      | <b>F</b>                | <b>Max. Altitude a.s.l.:</b> | <b>1000 m</b>   |
| <b>Max. ambient temp.:</b>    | <b>+40 °C</b>           | <b>Heater:</b>               | <b>N/A</b>      |
| <b>Min. ambient temp.:</b>    | <b>-20 °C</b>           | <b>Shaft extension:</b>      | <b>38x80 mm</b> |
| <b>Max. temp. rise:</b>       | <b>80 K</b>             | <b>Weight:</b>               | <b>59 kg</b>    |
| <b>Duty type:</b>             | <b>S1</b>               | <b>Painting:</b>             | <b>Standard</b> |
| <b>Cooling form:</b>          | <b>IC411 (TEFC)</b>     | <b>Color:</b>                | <b>RAL 5021</b> |
| <b>Bearing DE:</b>            | <b>6208 ZZ C3</b>       | <b>Box position:</b>         | <b>Top DE</b>   |
| <b>Bearing NDE:</b>           | <b>6305 ZZ C3</b>       | <b>Cable entry towards:</b>  | <b>Right</b>    |
| <b>Grease:</b>                | <b>NSK EA6</b>          | <b>Cable type:</b>           | <b>N/A</b>      |
| <b>Regreasing facilities:</b> | <b>NO</b>               | <b>Balance grade:</b>        | <b>Normal</b>   |

|                          |             |                             |                 |
|--------------------------|-------------|-----------------------------|-----------------|
| <b>Efficiency class:</b> | <b>IE3</b>  | <b>Sound pressure (1m):</b> | <b>59 dB(A)</b> |
| <b>Load data:</b>        | <b>100%</b> | <b>Resistance PH R20:</b>   | <b>2,95 Ω</b>   |
| <b>Efficiency:</b>       | <b>91,7</b> |                             |                 |
| <b>Power factor:</b>     | <b>0,77</b> |                             |                 |

|                                |                  |                               |                             |
|--------------------------------|------------------|-------------------------------|-----------------------------|
| <b>Full load torque (FLT):</b> | <b>29,9 Nm</b>   | <b>Pull out torque ratio:</b> | <b>2,6 MK/MN</b>            |
| <b>Starting torque ratio:</b>  | <b>2,5 MA/MN</b> | <b>Rotor inertia WK2:</b>     | <b>0,03 kgm<sup>2</sup></b> |
| <b>Starting current ratio:</b> | <b>7,9 IA/IN</b> |                               |                             |

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| <b>Special remarks:</b> | <b>metric motor acc to UL/CSA: design A; code: K; Nema Premium;</b> |
|-------------------------|---------------------------------------------------------------------|

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

|                                  |                                |
|----------------------------------|--------------------------------|
| <b>Hazardous classification:</b> | <b>Temp. Class:</b>            |
| <b>Certificate number:</b>       | <b>t<sub>E</sub> time: sek</b> |

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| <b>Special remarks:</b> |
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