

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

a company of 

**Motor type: WU-DF132SJ-D IE2 2P 7,5kW B5**  
**Motor item number: 132W327311T**

|                   |                       |                 |   |       |                   |       |
|-------------------|-----------------------|-----------------|---|-------|-------------------|-------|
| <b>50 HZ data</b> | Rated power:          | 7,5 kW          |   |       | <b>60 HZ data</b> | kW    |
|                   | Poles(Synch speed):   | 2p (3000) r.p.m |   |       |                   | r.p.m |
|                   | Full load speed:      | 2900 r.p.m      |   |       |                   | r.p.m |
|                   | Voltage:              | 400             | / | 690 V |                   | V     |
|                   | Frequency:            | 50 Hz           |   |       |                   | Hz    |
|                   | Connection:           | Δ               | / | Y     |                   |       |
|                   | Amps full load (FLA): | 13,5            | / | 7,8 A |                   | A     |
|                   | Amps no-load (NLA):   | A               |   |       |                   |       |

|                        |                          |                      |               |
|------------------------|--------------------------|----------------------|---------------|
| Enclosure:             | IP55                     | Cable entries size:  | 2 x CM25      |
| Mounting:              | IM B5 (IM 3001)          | Winding protection:  |               |
| Insulation Class:      | F                        | Max. Altitude:       | 1000 m.a.s.l. |
| Max. ambient temp.:    | +40 °C                   | Heater:              | no            |
| Min. ambient temp.:    | -20 °C                   | Shaft extension:     | 38x80 mm      |
| Max. temp. rise:       | 80 K                     | Weight:              | kg            |
| Duty type:             | S1                       | Painting:            | Argus         |
| Cooling form:          | IC411 (TEFC)             | Color:               | RAL 5021      |
| Bearing DE             | 6208 ZZ C3               | Box position:        | Top DE        |
| Bearing NDE            | 6305 ZZ C3               | Cable entry towards: | Right         |
| Grease:                | Lithium or Polyurea Base | Cable type:          | N/A           |
| Regreasing facilities: | NO                       | Balance grade:       | Normal        |

|                   |                      |                      |          |
|-------------------|----------------------|----------------------|----------|
| Efficiency class: | IE2                  | Sound pressure (1m): | 66 dB(A) |
| Load data:        | 100%    75%    50%   | Resistance R20:      | 1,58 PH  |
| Efficiency:       | 88,1    88,4    88,5 |                      |          |
| Power factor:     | 0,91    0,88    0,82 |                      |          |

|                         |           |                        |                        |
|-------------------------|-----------|------------------------|------------------------|
| Full load torque (FLT): | 24,7 Nm   | Pull out torque ratio: | 3,0 MK/MN              |
| Starting torque ratio:  | 2,5 MA/MN | Pull up torque:        | 2,3 MS/MN              |
| Starting current ratio: | 8,2 IA/IN | Rotor inertia WK2:     | 0,015 kgm <sup>2</sup> |

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: