

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **WU-DF90LMX IE2 2P 1,5kW B3**
 Motor item number: **090W227300T**

| | | | | |
|-----------------------|-----------------|---|------|-------|
| Rated power: | 1,5 kW | | | kW |
| Poles(Synch speed): | 2p (3000) r.p.m | | | r.p.m |
| Full load speed: | 2850 r.p.m | | | r.p.m |
| Voltage: | 230 | / | 400 | V |
| Frequency: | 50 Hz | | | Hz |
| Connection: | Δ | / | Y | |
| Amps full load (FLA): | 5,15 | / | 2,97 | A |
| Amps no-load (NLA): | | | | A |

| | | | | | |
|------------------------|--------------------------|-------|--|----------------------|---------------|
| Enclosure: | IP55 | | | Cable entries size: | 1 x CM20 |
| Mounting: | IM B3 (IM 1001) | | | 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: | 24x50 mm |
| Max. temp. rise: | 80 | K | | Weight: | 30,5 kg |
| Duty type: | S1 | | | Painting: | Argus |
| Cooling form: | IC411 (TEFC) | | | Color: | RAL 5021 |
| Bearing DE | 6205 | ZZ CM | | Box position: | Top DE |
| Bearing NDE | 6203 | ZZ CM | | 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: | 3,79 PH |
| Efficiency: | 81,3 | 82,3 | 82,6 | | |
| Power factor: | 0,90 | 0,84 | 0,76 | | |

| | | | | | |
|-------------------------|-----|-------|------------------------|--------|------------------|
| Full load torque (FLT): | 5,0 | Nm | Pull out torque ratio: | 3,1 | MK/MN |
| Starting torque ratio: | 2,8 | MA/MN | Pull up torque: | 2,4 | MS/MN |
| Starting current ratio: | 7,1 | IA/IN | Rotor inertia WK2: | 0,0014 | kgm ² |

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

| | | |
|---------------------------|----------------------|-----|
| Hazardous classification: | Temp. Class: | |
| Certificate number: | t _E time: | sek |

Special remarks: