

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **W-DF315SN IE2 4P 132kW B3**
 Motor item number:

| | | | | | |
|-----------------------|-----------------|---|-------|------------|-------|
| Rated power: | 132 kW | | | 60 HZ data | kW |
| Poles(Synch speed): | 4p (1500) r.p.m | | | 50 HZ data | r.p.m |
| Full load speed: | 1480 r.p.m | | | 60 HZ data | r.p.m |
| Voltage: | 400 | / | 690 V | 50 HZ data | V |
| Frequency: | 50 Hz | | | 60 HZ data | Hz |
| Connection: | Δ | / | Y | 50 HZ data | A |
| Amps full load (FLA): | 231 | / | 134 A | 60 HZ data | A |
| Amps no-load (NLA): | A | | | | |

| | | | | |
|------------------------|--------------------------|----|----------------------|---------------|
| Enclosure: | IP55 | | Cable entries size: | |
| Mounting: | IM B3 (IM 1001) | | Winding protection: | 3xPT160 |
| Insulation Class: | F | | Max. Altitude: | 1000 m.a.s.l. |
| Max. ambient temp.: | +40 | °C | Heater: | no |
| Min. ambient temp.: | -20 | °C | Shaft extension: | 85x170 mm |
| Max. temp. rise: | 80 | K | Weight: | 800 kg |
| Duty type: | S1 | | Painting: | Argus |
| Cooling form: | IC411 (TEFC) | | Color: | RAL 5021 |
| Bearing DE | 6319 | C3 | Box position: | Top DE |
| Bearing NDE | 6319 | C3 | Cable entry towards: | Right |
| Grease: | Lithium or Polyurea Base | | Cable type: | N/A |
| Regreasing facilities: | YES | | Balance grade: | Normal |

| | | | | | |
|-------------------|------|------|------|----------------------|----------|
| Efficiency class: | IE2 | | | Sound pressure (1m): | 71 dB(A) |
| Load data: | 100% | 75% | 50% | Resistance R20: | 0,027 PH |
| Efficiency: | 94,7 | 95,6 | 94,9 | | |
| Power factor: | 0,87 | 0,84 | 0,77 | | |

| | | | | | |
|-------------------------|-------|-------|------------------------|-----|------------------|
| Full load torque (FLT): | 851,8 | Nm | Pull out torque ratio: | 2,6 | MK/MN |
| Starting torque ratio: | 2,4 | MA/MN | Pull up torque: | 2,0 | MS/MN |
| Starting current ratio: | 7,7 | IA/IN | Rotor inertia WK2: | 3,7 | kgm ² |

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: