

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **WU-DF160MJ-H IE2 4P 11kW B35**
 Motor item number: **160W417520T**

| | | | | | | | | | |
|-----------------------|-------------------|------------|----------|------------------|--|--|--|-------------------|--------------|
| Rated power: | | | | 11 kW | | | | | kW |
| Poles(Synch speed): | | | | 4p (1500) | | | | | r.p.m |
| Full load speed: | | | | 1465 | | | | | r.p.m |
| Voltage: | 50 HZ data | 400 | / | 690 | | | | | V |
| Frequency: | | | | 50 | | | | | Hz |
| Connection: | | Δ | / | Y | | | | | |
| Amps full load (FLA): | | 21 | / | 12,1 | | | | | A |
| Amps no-load (NLA): | | | | | | | | | A |
| | | | | | | | | 60 HZ data | |

| | | | | | | | | | |
|------------------------|---------------------------------|--|--|--------------|--|--|--|--|-------------------------------------|
| Enclosure: | IP55 | | | | | | | | Cable entries size: 2 x CM32 |
| Mounting: | IM B35 (IM 2001) | | | | | | | | 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: 42x110 mm |
| Max. temp. rise: | 80 | | | K | | | | | Weight: kg |
| Duty type: | S1 | | | | | | | | Painting: Argus |
| Cooling form: | IC411 (TEFC) | | | | | | | | Color: RAL 5021 |
| Bearing DE | 6309 | | | ZZ C3 | | | | | Box position: Top DE |
| Bearing NDE | 6307 | | | 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): 63 dB(A) |
| Load data: | 100% | 75% | 50% | | | | | | Resistance R20: 0,9 PH |
| Efficiency: | 89,8 | 91 | 90,4 | | | | | | |
| Power factor: | 0,83 | 0,78 | 0,67 | | | | | | |

| | | | | | | | | | |
|-------------------------|-------------|--------------|--|--|--|--|--|-----------------------------------|------------------------|
| Full load torque (FLT): | 71,7 | Nm | | | | | | Pull out torque ratio: 2,9 | MK/MN |
| Starting torque ratio: | 2,5 | MA/MN | | | | | | Pull up torque: 2,0 | MS/MN |
| Starting current ratio: | 7,7 | IA/IN | | | | | | Rotor inertia WK2: 0,068 | kgm² |

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: