

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type: WU-DA160LV-D IE2 6P 11kW B5
Motor item number: 160W417611T

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|-------------------|-----------------------|-----------------|---|-------------------|-------|
| 50 HZ data | Rated power: | 11 kW | | 60 HZ data | kW |
| | Poles(Synch speed): | 6p (1000) r.p.m | | | r.p.m |
| | Full load speed: | 980 r.p.m | | | r.p.m |
| | Voltage: | 400 / 690 | V | | V |
| | Frequency: | 50 Hz | | | Hz |
| | Connection: | | | | |
| | Amps full load (FLA): | 24 / 13,8 | A | | A |
| | Amps no-load (NLA): | | | | A |

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|------------------------|--------------------------|----------------------|-------------------------|
| Enclosure: | IP55 | Cable entries size: | 2 x CM32 |
| 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: | 42x110 mm |
| Max. temp. rise: | 80 K | Weight: | kg |
| Duty type: | S1 | Painting: | Alkyd-Amin Resins Paint |
| 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): | 59 dB(A) |
| Load data: | 100% 75% 50% | Resistance R20: | 0,73 PH |
| Efficiency: | 88,7 90 88,5 | | |
| Power factor: | 0,75 0,67 0,57 | | |

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|-------------------------|-----------|------------------------|-----------------------|
| Full load torque (FLT): | 107,2 Nm | Pull out torque ratio: | 2,8 MK/MN |
| Starting torque ratio: | 2,0 MA/MN | Pull up torque: | 1,9 MS/MN |
| Starting current ratio: | 7,5 IA/IN | Rotor inertia WK2: | 0,12 kgm ² |

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: