

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WU-DA63SG-D 2P 0,25KW 230/400V/3/50Hz

Motor item number:

Performance figures are subject to IEC tolerances.

|                       |                 |                         |  |
|-----------------------|-----------------|-------------------------|--|
| 50 HZ data            |                 | 60 HZ data              |  |
| Rated power:          | 0,25 kW         | 0,29 kW                 |  |
| Poles(Synch speed):   | 2p (3000) r.p.m | 2p (3600) r.p.m         |  |
| Full load speed:      | 2810 r.p.m      | 3380 r.p.m              |  |
| Voltage:              | 230 / 400 V     | 254-277 / 440-480 V     |  |
| Frequency:            | 50 Hz           | 60 Hz                   |  |
| Connection:           | Δ / Y           | Δ / Y                   |  |
| Amps full load (FLA): | 1,26 / 0,72 A   | 1,31-1,26 / 0,76-0,72 A |  |

|                        |              |                       |          |
|------------------------|--------------|-----------------------|----------|
| Enclosure:             | IP66         | Cable entries size:   | 1 x CM20 |
| Mounting:              |              | Winding protection:   | N/A      |
| Insulation Class:      | F            | Max. Altitude a.s.l.: | 1000 m   |
| Max. ambient temp.:    | +40 °C       | Heater:               | N/A      |
| Min. ambient temp.:    | -20 °C       | Shaft extension:      | 11x23 mm |
| Max. temp. rise:       | 80 K         | Weight:               | 5 kg     |
| Duty type:             | S1           | Painting:             | Standard |
| Cooling form:          | IC411 (TEFC) | Color:                | RAL 5021 |
| Bearing DE             | 6202 ZZ CE   | Box position:         | Top NDE  |
| Bearing NDE            | 6202 ZZ CE   | Cable entry towards:  | Right    |
| Grease:                | NSK EA6      | Cable type:           | N/A      |
| Regreasing facilities: | NO           | Balance grade:        | Normal   |

|                   |                   |                      |          |
|-------------------|-------------------|----------------------|----------|
| Efficiency class: | Not applicable    | Sound pressure (1m): | 52 dB(A) |
| Load data:        | 100%50Hz 100%60Hz | Resistance PH R20:   | 40,4 Ω   |
| Efficiency:       | 64 64             |                      |          |
| Power factor:     | 0,78 0,78         |                      |          |

|                         |                 |                        |                          |
|-------------------------|-----------------|------------------------|--------------------------|
| Full load torque (FLT): | 0,8 / 0,8 Nm    | Pull out torque ratio: | 2,5@50Hz MK/MN           |
| Starting torque ratio:  | 2,3 / 2,3 MA/MN |                        |                          |
| Starting current ratio: | 4,5 / 4,5 IA/IN | Rotor inertia WK2:     | 0,00063 kgm <sup>2</sup> |

|                  |               |
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| Special remarks: | SS nameplate; |
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### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

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| Special remarks: |
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