

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type:

WA-DA71SK-D 2P 0.37kW EXE

Motor item number:

Performance figures are subject to IEC tolerances.

|            |                       |            |       |            |  |       |
|------------|-----------------------|------------|-------|------------|--|-------|
| 50 HZ data | Rated power:          | 0,37       | kW    | 60 HZ data |  | HP    |
|            | Poles(Synch speed):   | 2p (3000)  | r.p.m |            |  | r.p.m |
|            | Full load speed:      | 2860       | r.p.m |            |  | r.p.m |
|            | Voltage:              | 230 / 400  | V     |            |  | V     |
|            | Frequency:            | 50         | Hz    |            |  | Hz    |
|            | Connection:           | Δ / Y      |       |            |  |       |
|            | Amps full load (FLA): | 1,5 / 0,85 | A     |            |  | A     |

|                        |              |                       |          |
|------------------------|--------------|-----------------------|----------|
| Enclosure:             | IP55         | Cable entries size:   | 1xCM20   |
| 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:      | 14x30 mm |
| Max. temp. rise:       | 80 K         | Painting:             | Standard |
| Duty type:             | S1           | Color:                | RAL 5021 |
| Cooling form:          | IC411 (TEFC) | Box position:         | Top NDE  |
| Bearing DE             | 6003 ZZ CM   | Cable entry towards:  | Right    |
| Bearing NDE            | 6003 ZZ CM   | Cable type:           | N/A      |
| Grease:                | NSK EA6      | Balance grade:        | Normal   |
| Regreasing facilities: | NO           |                       |          |

|               |      |                      |          |
|---------------|------|----------------------|----------|
| Load data:    | 100% | Sound pressure (1m): | 51 dB(A) |
| Efficiency:   | 75   | Resistance PH R20:   | 23,1 Ω   |
| Power factor: | 0,84 |                      |          |

|                         |           |  |  |
|-------------------------|-----------|--|--|
| Full load torque (FLT): | 1,2 Nm    |  |  |
| Starting current ratio: | 6,3 IA/IN |  |  |

Special remarks: DOUBLE DIP AND BAKE

### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

|                           |                 |                      |          |
|---------------------------|-----------------|----------------------|----------|
| Hazardous classification: | Ex II 2G Exe II | Temp. Class:         | T3       |
| Certificate number:       | BAS02ATEX2003X  | t <sub>E</sub> time: | 14.5 sek |

Special remarks: