

THREE-PHASE-ASYNCHRONOUS-MOTOR ACA 71 A 2/4

AC07A2400006

General data

| | |
|--------------------------|-------------------------------|
| Type of motor | 3~ multi speed |
| Type designation | ACA |
| Frame size | 71 |
| Mounting | B3 |
| Frame material | Aluminium |
| Insulationclass | F/B |
| Terminal box location | top DE |
| Terminal box orientation | cable gland to the right side |
| Weight (kg) | 7 |
| Rotation Direction | right /left |
| Vibration level | A |
| Balancing method | half key |
| cooling type | IC411 |
| Executed acc. to | IEC 60034-1 |
| noise level | IEC 60034-9 |

Mechanical data

| | |
|---------------------------|---------------|
| Mounting of bearing NDE | loose bearing |
| Bearing lifetime (h) | 20000 |
| allow. Radial load (X/2) | 412 |
| allow. Radial load (X0) | 450 |
| allow. Radial load (Xmax) | 375 |
| allow. Axial load | 400 |
| allow. Axial load (V1) | 380 |

Motor properties

| | |
|-------------------------------------|------------------------|
| Color | RAL7030 |
| Paint surface | shiny |
| Protection class | IP55 |
| Cable gland size (cable connection) | 1xM20x1,5 1xblind plug |
| Cable gland type | Standard |
| Shaft end (mm) | 14 x 30 |
| Shaft material | C45 |
| Specification NDE | Plastic fan |

General data double-speed motors

| | |
|-------------------|-----|
| Power 2 50Hz (kW) | 0.3 |
|-------------------|-----|

Influential factors

| | |
|--------------------------|---------------|
| Duty | S1 |
| Ambient temperature (°C) | -20 up to +40 |
| Height of location (m) | 1000 |

Electrical specification

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|---------------------------------|-----------|
| Power 1 50Hz (kW) | 0.45 |
| Frequency (Hz) | 50 |
| Voltage 50Hz (V) | 220-240 |
| Voltage tolerance | +/-10% |
| Connection | Δ/YY |
| Poles | 2/4 |
| Efficiency 100% 50Hz (%) | 70/63 |
| Power factor | 0,87/0,63 |
| Starting current factor (Ia/In) | 6,5/5,5 |
| Starting torque factor (Ma/Mn) | 1,6 |
| Breakdown torque (Mk/Mn) | 1,8 |
| Rated current 50Hz (A) | 1,85/1,90 |

Mechanical data

| | |
|------------------------|---------------|
| Torque (Nm) | 1,53/2,08 |
| Rotation speed (1/min) | 2800/1380 |
| Bearing DE | 6202.ZZ.C3 |
| Bearing NDE | 6202.ZZ.C3 |
| Mounting of bearing DE | loose bearing |

Dimension drawings

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ac motoren