CANTONI MOTOR




# MOTOR DATA SHEET

Motor type: **3SIE132M4B**

Series: **IE3**

29-03-2024

## ELECTRICAL PARAMETERS

| *U* | *CONN.* | *f* | *P* | | *Duty* | *I* | *n* | *T* | *TL/T* | *TB/T* | *IL/I* | *Efficiency at load [%]* | | | *Power factor at load [-]* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *V* | - | *Hz* | *kW* | *HP* | - | *A* | *rpm* | *N* | - | - | - | *2/4* | *3/4* | *4/4* | *2/4* | *3/4* | *4/4* |
| 400 | Δ | 50 | 11 | 15 | S1 | 20.9 | 1460 | 72 | 3.2 | 4.4 | 9.5 | 91.7 | 92.1 | 91.4 | 0.66 | 0.77 | 0.83 |
| 690 | Y | 50 | 11 | 15 | S1 | 12.1 | 1460 | 72 | 3.2 | 4.4 | 9.5 | 91.7 | 92.1 | 91.4 | 0.66 | 0.77 | 0.83 |

## GENERAL DATA

| | | | |
|---|---|---|---|
| Efficiency class | IE3 | Sound pressure level [dB] | 60 |
| Frame size | 132 | Sound power level [dB] | 72 |
| Number of poles | 4 | Terminal box position | top |
| Starting method | DOL or Y/Δ | Possibility of terminal box rotation | yes |
| Insulation class | F | Bearing on D-side | 63082Z |
| Frequency converter supply | yes | Bearing on ND-side | 63082Z |
| Mounting arrangement | IMB3/B5/B35/B14 | Bearings regreasing | on demand |
| Cooling method | IC411 | Housing - material | aluminium |
| Weight (IMB3) [kg] | 97.0 | Feet - material | aluminium |
| Moment of inertia [kgm2] | 0.057 | Bearing shields - material | cast iron |
| Direction of rotation | CW/CCW | Painting | RAL5010 |
| Degree of protection | IP55 | Climatic execution | N |

## ENVIRONMENTAL CONDITIONS

| | | | |
|---|---|---|---|
| Ambient temperature [°C] | up to +40 | Altitude above sea level [m] | up to 1000 |
| Relative humidity [%] | up to 95 | | |

## ACCESSORY

| | | | |
|---|---|---|---|
| Number of terminals or cables | 6 | Temperature sensors in bearings | on demand |
| Cable glands/inlets | 1 | Winding heaters | on demand |
| Temperature sensors in winding | on demand | Optional accessories | on demand |

## STANDARDS

IEC 60034-1

## CERTIFICATES

on demand

As part of our development program, we reserve the rights to alter or amend any of the specifications without giving prior notice.

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