



## MOTOR DATA SHEET

Motor type: **3SIE200L4C**

Series: **IE3**

18-02-2026

| ELECTRICAL PARAMETERS |       |          |           |           |      |          |            |           |             |             |             |                        |      |      |                          |      |      |
|-----------------------|-------|----------|-----------|-----------|------|----------|------------|-----------|-------------|-------------|-------------|------------------------|------|------|--------------------------|------|------|
| <i>U</i>              | CONN. | <i>f</i> | <i>P</i>  |           | Duty | <i>I</i> | <i>n</i>   | <i>T</i>  | <i>TL/T</i> | <i>TB/T</i> | <i>IL/I</i> | Efficiency at load [%] |      |      | Power factor at load [-] |      |      |
| <i>V</i>              | -     | Hz       | <i>kW</i> | <i>HP</i> | -    | A        | <i>rpm</i> | <i>Nm</i> | -           | -           | -           | 2/4                    | 3/4  | 4/4  | 2/4                      | 3/4  | 4/4  |
| 400                   | Δ     | 50       | 37        | 50        | S1   | 66       | 1475       | 240       | 2.3         | 2.7         | 6.7         | 93.2                   | 93.5 | 93.9 | 0.76                     | 0.84 | 0.86 |
| 690                   | Y     | 50       | 37        | 50        | S1   | 38       | 1475       | 240       | 2.3         | 2.7         | 6.7         | 93.2                   | 93.5 | 93.9 | 0.76                     | 0.84 | 0.86 |

## GENERAL DATA

|                                       |             |                                      |           |
|---------------------------------------|-------------|--------------------------------------|-----------|
| Efficiency class                      | IE3         | Sound pressure level [dB]            | 70        |
| Frame size                            | 200         | Sound power level [dB]               | 80        |
| 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                    | 6312C3    |
| Frequency converter supply            | yes         | Bearing on ND-side                   | 6312C3    |
| Mounting arrangement                  | IMB3/B5/B35 | Bearings regreasing                  | yes       |
| Cooling method                        | IC411       | Housing - material                   | cast iron |
| Weight (IMB3) [kg]                    | 330         | Feet - material                      | cast iron |
| Moment of inertia [kgm <sup>2</sup> ] | 0.38        | 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            | 2 + 1   | Winding heaters                 | on demand |
| Temperature sensors in winding | 3 x PTC | Optional accessories            | on demand |

## STANDARDS

IEC 60034-1

## CERTIFICATES

on demand