

## **MOTOR DATA SHEET**

Motor type: Sg132M-6\_4

Series: MULTI SPEED



22-10-2025

|     | ELECTRICAL PARAMETERS |    |     |     |      |     |      |       |      |      |      |        |             |       |       |               |         |
|-----|-----------------------|----|-----|-----|------|-----|------|-------|------|------|------|--------|-------------|-------|-------|---------------|---------|
| U   | CONN.                 | f  | F   | •   | Duty | 1   | n    | Т     | TL/T | TB/T | IL/I | Effici | ency at loa | d [%] | Power | r factor at l | oad [-] |
| V   | -                     | Hz | kW  | HP  | -    | Α   | rpm  | Nm    | -    | -    | -    | 2/4    | 3/4         | 4/4   | 2/4   | 3/4           | 4/4     |
| 400 | Y                     | 50 | 3.1 | 4.2 | S1   | 7.4 | 965  | 30.68 | 1.8  | 2.7  | 5.7  | 75.1   | 78.7        | 79.3  | 0.53  | 0.67          | 0.76    |
| 400 | Y                     | 50 | 4.7 | 6.4 | S1   | 9.4 | 1445 | 31.06 | 1.6  | 2.5  | 5.7  | 79.8   | 81.9        | 81.7  | 0.72  | 0.83          | 0.88    |

| GENERAL DATA               |                 |                                      |           |  |  |  |  |
|----------------------------|-----------------|--------------------------------------|-----------|--|--|--|--|
| Efficiency class           | -               | Sound pressure level [dB]            | 56 64     |  |  |  |  |
| Frame size                 | 132             | Sound power level [dB]               | 68 76     |  |  |  |  |
| Number of poles            | 6 4             | Terminal box position                | top       |  |  |  |  |
| Starting method            | DOL / DOL       | Possibility of terminal box rotation | yes       |  |  |  |  |
| Insulation class           | F               | Bearing on D-side                    | 63082Z    |  |  |  |  |
| Frequency converter supply | on demand       | Bearing on ND-side                   | 63082Z    |  |  |  |  |
| Mounting arrangement       | IMB3/B5/B35/B14 | Bearings regreasing                  | on demand |  |  |  |  |
| Cooling method             | IC411           | Housing - material                   | cast iron |  |  |  |  |
| Weight (IMB3) [kg]         | 70              | Feet - material                      | cast iron |  |  |  |  |
| Moment of inertia [kgm2]   | 0.04            | Bearing shields - material           | cast iron |  |  |  |  |
| Direction of rotation      | CW/CCW          | Painting                             | RAL5010   |  |  |  |  |
| Degree of protection       | IP 55           | 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    |  |

