

## **MOTOR DATA SHEET**

Motor type: **PSg132M-2** 

Series: **IE1** 



30-11-2025

|     | ELECTRICAL PARAMETERS |    |     |      |      |      |      |      |      |      |      |        |             |       |       |             |         |
|-----|-----------------------|----|-----|------|------|------|------|------|------|------|------|--------|-------------|-------|-------|-------------|---------|
| U   | CONN.                 | f  | ,   | •    | Duty | 1    | n    | Т    | TL/T | TB/T | IL/I | Effici | ency at loa | d [%] | Power | factor at l | oad [-] |
| V   | -                     | Hz | kW  | HP   | -    | Α    | rpm  | Nm   | -    | -    | -    | 2/4    | 3/4         | 4/4   | 2/4   | 3/4         | 4/4     |
| 400 | Δ                     | 50 | 9.2 | 12.4 | S1   | 16.9 | 2920 | 30.9 | 2.7  | 3.2  | 7.8  | 88.2   | 89.3        | 88.5  | 0.75  | 0.84        | 0.89    |
| 690 | Y                     | 50 | 9.2 | 12.4 | S1   | 9.8  | 2920 | 30.9 | 2.7  | 3.2  | 7.8  | 88.2   | 89.3        | 88.5  | 0.75  | 0.84        | 0.89    |

| GENERAL DATA               |             |                                      |            |  |  |  |  |
|----------------------------|-------------|--------------------------------------|------------|--|--|--|--|
| Efficiency class           | -           | Sound pressure level [dB]            | 71         |  |  |  |  |
| Frame size                 | 132         | Sound power level [dB]               | 82         |  |  |  |  |
| Number of poles            | 2           | Terminal box position                | top        |  |  |  |  |
| Starting method            | DOL or Y/Δ  | Possibility of terminal box rotation | yes        |  |  |  |  |
| Insulation class           | F           | Bearing on D-side                    | 6308 2Z C3 |  |  |  |  |
| Frequency converter supply | yes         | Bearing on ND-side                   | 6308 2Z C3 |  |  |  |  |
| Mounting arrangement       | IMB3/B5/B35 | Bearings regreasing                  | on demand  |  |  |  |  |
| Cooling method             | IC411       | Housing - material                   | cast iron  |  |  |  |  |
| Weight (IMB3) [kg]         | 75.0        | Feet - material                      | cast iron  |  |  |  |  |
| Moment of inertia [kgm2]   | 0.019       | 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    |  |

