



MOTOR DATA SHEET

Motor type: **Sg132S-6_4**

Series: **MULTI SPEED**

24
68
POLES
MULTI
SPEED

03-02-2026

| 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 | Y | 50 | 2.5 | 3.40 | S1 | 6.4 | 970 | 24.61 | 1.8 | 2.6 | 5.3 | 70.4 | 75.4 | 77.0 | 0.50 | 0.63 | 0.74 |
| 400 | Y | 50 | 3.5 | 4.8 | S1 | 7.0 | 1440 | 23.21 | 1.6 | 2.0 | 5.5 | 80.4 | 81.9 | 81.0 | 0.74 | 0.84 | 0.89 |

GENERAL DATA

| | | | |
|---------------------------------------|-----------------|--------------------------------------|-----------|
| Efficiency class | - | Sound pressure level [dB] | 56 64 |
| Frame size | 132 | Sound power level [dB] | 69 77 |
| 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] | 60 | Feet - material | cast iron |
| Moment of inertia [kgm ²] | 0.032 | 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