

MOTOR DATA SHEET

Motor type: **Sg132M-8_6_4**

Series: **MULTI SPEED**



13-06-2025

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 | Nm | - | - | - | 2/4 | 3/4 | 4/4 | 2/4 | 3/4 | 4/4 |
| 400 | Δ | 50 | 2.1 | 2.9 | S1 | 6.1 | 720 | 27.85 | 1.6 | 2.5 | 4.5 | 67.2 | 72.4 | 73.8 | 0.45 | 0.57 | 0.67 |
| 400 | Y | 50 | 2.6 | 3.5 | S1 | 6.6 | 975 | 25.47 | 1.4 | 2.4 | 5.2 | 72.2 | 76.3 | 77.3 | 0.51 | 0.65 | 0.74 |
| 400 | YY | 50 | 3.9 | 5.4 | S1 | 7.7 | 1425 | 26.14 | 1.2 | 1.7 | 5.9 | 82.2 | 81.6 | 79.2 | 0.82 | 0.88 | 0.92 |

GENERAL DATA

| | | | |
|---------------------------------------|-----------------|--------------------------------------|-----------|
| Efficiency class | - | Sound pressure level [dB] | 68 70 70 |
| Frame size | 132 | Sound power level [dB] | 61 62 70 |
| Number of poles | 8 6 4 | Terminal box position | top |
| Starting method | DOL / 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 [kgm ²] | 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