



MOTOR DATA SHEET

Motor type: **Sg132S-8_6_4**

Series: **MULTI SPEED**

23-02-2026

| 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 | 1.5 | 2.0 | S1 | 4.9 | 725 | 19.76 | 1.7 | 2.7 | 4.3 | 60.7 | 67.6 | 70.7 | 0.41 | 0.53 | 0.62 |
| 400 | Y | 50 | 2.0 | 2.7 | S1 | 5.2 | 970 | 19.69 | 1.3 | 2.1 | 4.7 | 69.1 | 74.1 | 75.6 | 0.50 | 0.63 | 0.73 |
| 400 | YY | 50 | 3.0 | 4.0 | S1 | 6 | 1425 | 20.11 | 1.1 | 1.6 | 4.7 | 80.5 | 80.6 | 78.2 | 0.80 | 0.89 | 0.92 |

| GENERAL DATA | | | |
|---------------------------------------|-----------------|--------------------------------------|-----------|
| Efficiency class | - | Sound pressure level [dB] | 54 58 62 |
| Frame size | 132 | Sound power level [dB] | 58 64 69 |
| 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] | 56 | Feet - material | cast iron |
| Moment of inertia [kgm ²] | 0.027 | 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 | |