

MOTOR DATA SHEET

Motor type: SIE225M6_4-K

Series: MULTI SPEED



21-11-2025

| | ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | |
|-----|-----------------------|----|----|----|------|----|------|-----|------|------|------|--|------|-------------|---------|------|------|
| U | CONN. | f | , | Þ | Duty | 1 | n | Т | TL/T | TB/T | IL/I | Efficiency at load [%] Power factor at | | 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 | 25 | 34 | S1 | 52 | 990 | 241 | 3.0 | 3.1 | 7.8 | 86.7 | 87.7 | 87.5 | 0.63 | 0.74 | 0.79 |
| 400 | Y | 50 | 35 | 47 | S1 | 62 | 1480 | 226 | 2.0 | 1.9 | 7.2 | 85.9 | 88.3 | 90.0 | 0.76 | 0.85 | 0.90 |

| GENERAL DATA | | | | | | |
|----------------------------|-------------|--------------------------------------|---------------|--|--|--|
| Efficiency class | - | Sound pressure level [dB] | 62 71 | | | |
| Frame size | 225 | Sound power level [dB] | 72 81 | | | |
| Number of poles | 6 4 | Terminal box position | on right side | | | |
| Starting method | DOL / DOL | Possibility of terminal box rotation | yes | | | |
| Insulation class | F | Bearing on D-side | 6313P63E1 | | | |
| Frequency converter supply | on demand | Bearing on ND-side | 6313P63E1 | | | |
| Mounting arrangement | IMB3/B5/B35 | Bearings regreasing | yes | | | |
| Cooling method | IC411 | Housing - material | cast iron | | | |
| Weight (IMB3) [kg] | 365 | Feet - material | cast iron | | | |
| Moment of inertia [kgm2] | 0.87 | 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 | 2 + 1 | Winding heaters | on demand | | | |
| Temperature sensors in winding | yes | Optional accessories | on demand | | | |

| STANDARDS | |
|-------------|--|
| IEC 60034-1 | |

| CERTIFICATES | |
|--------------|--|
| on demand | |

