

MOTOR DATA SHEET

Motor type: **ExSg132M-6A-2GT3**

Series: INCREASED SAFETY



11-12-2025

| ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | | |
|-----------------------|-------|----|----|-----|------|-----|-----|------|------|------|------|--------|-------------|-------|-------|---------------|---------|
| U | CONN. | f | ı | • | Duty | 1 | n | Т | TL/T | TB/T | IL/I | Effici | ency at loa | d [%] | Power | r 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 | 4 | 5.5 | S1 | 8.5 | 950 | 40.2 | 2.3 | 2.9 | 7 | 81.9 | 83.4 | 82.9 | 0.64 | 0.76 | 0.82 |

| GENERAL DATA | | | | | | |
|----------------------------|-----------------|--------------------------------------|-----------|--|--|--|
| Efficiency class | - | Sound pressure level [dB] | 62 | | | |
| Frame size | 132 | Sound power level [dB] | 73 | | | |
| Number of poles | 6 | Terminal box position | top | | | |
| Starting method | DOL or Y/∆ | Possibility of terminal box rotation | yes | | | |
| Insulation class | F | Bearing on D-side | 63082Z | | | |
| Frequency converter supply | no | Bearing on ND-side | 63082Z | | | |
| Mounting arrangement | IMB3/B5/B35/B14 | Bearings regreasing | yes | | | |
| Cooling method | IC411 | Housing - material | cast iron | | | |
| Weight (IMB3) [kg] | 64 | Feet - material | cast iron | | | |
| Moment of inertia [kgm2] | 0.032 | Bearing shields - material | cast iron | | | |
| Direction of rotation | CW/CCW | Painting | RAL5010 | | | |
| Degree of protection | IP55 | Climatic execution | N | | | |

| ENVIRONMENTAL CONDITIONS | | | | | | | |
|--------------------------|--------------------|------------------------------|------------|--|--|--|--|
| Ambient temperature [°C] | from -20 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 | Winding heaters | no | | | |
| Temperature sensors in winding | on demand | Optional accessories | on demand | | | |

| STANDARDS |
|-------------------------|
| EN 60079-0, EN 60079-15 |

| | CERTIFICATES |
|---|--------------|
| Ī | ATEX |

| | ADDITIONAL INFO | | | | | | |
|--|-----------------|------------|--------------------|--|--|--|--|
| tE heating time up to T3 temperature [s] | 14 | Ex marking | II 2G Ex eb IIC T3 | | | | |

