

MOTOR DATA SHEET

Motor type: dSg132S4

Series: General purpose



30-11-2025

| ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | | |
|-----------------------|-------|----|-----|-----|------|-----|------|------|------|------|------|--------|-------------|-------|-------|---------------|---------|
| U | CONN. | f | F | • | 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 |
| 1000 | Y | 50 | 5.5 | 7.5 | S1 | 4.4 | 1450 | 36.2 | 2.2 | 3.1 | 6.9 | 83.8 | 85.4 | 85.8 | 0.66 | 0.77 | 0.84 |

| GENERAL DATA | | | | | | |
|----------------------------|-------------|--------------------------------------|-----------|--|--|--|
| Efficiency class | - | Sound pressure level [dB] | 57 | | | |
| Frame size | 132 | Sound power level [dB] | 67 | | | |
| Number of poles | 4 | Terminal box position | top | | | |
| Starting method | DOL | Possibility of terminal box rotation | no | | | |
| Insulation class | F | Bearing on D-side | 63082Z | | | |
| Frequency converter supply | on demand | Bearing on ND-side | 63082Z | | | |
| Mounting arrangement | IMB3/B5/B35 | Bearings regreasing | no | | | |
| Cooling method | IC411 | Housing - material | cast iron | | | |
| Weight (IMB3) [kg] | 97 | Feet - material | cast iron | | | |
| Moment of inertia [kgm2] | 0.029 | Bearing shields - material | cast iron | | | |
| Direction of rotation | CW/CCW | Painting | RAL5010 | | | |
| Degree of protection | IP54 | 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 100 | | | | | | | |

| ACCESSORY | | | | | | |
|--------------------------------|-------------------|---------------------------------|-----------|--|--|--|
| Number of terminals or cables | 3 | 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, IEC 60079-0, IEC 60079-1 |

| CERTIFICATES | | | | |
|--------------|----------------|--|--|--|
| | ATEX, EAC, BiH | | | |

| ADDITIONAL INFO | | | | | |
|-----------------|---|--|--|--|--|
| Ex marking | I M2 Ex db I Mb / II2G Ex db IIB T5 Gb | | | | |

