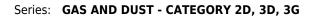


## **MOTOR DATA SHEET**

Motor type: ExSg132S-4-2GT4\_2D





14-05-2025

| 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 | 3  | 4  | S1   | 6 | 1465 | 19.6 | 2.3  | 3    | 6.5  | 82.5   | 85.0        | 85.5  | 0.69  | 0.79          | 0.85    |

| GENERAL DATA               |                 |                                      |           |  |  |  |
|----------------------------|-----------------|--------------------------------------|-----------|--|--|--|
| Efficiency class           | -               | Sound pressure level [dB]            | 64        |  |  |  |
| Frame size                 | 132             | Sound power level [dB]               | 75        |  |  |  |
| Number of poles            | 4               | Terminal box position                | top       |  |  |  |
| Starting method            | DOL or Y/Δ      | 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]         | 60              | Feet - material                      | cast iron |  |  |  |
| Moment of inertia [kgm2]   | 0.028           | Bearing shields - material           | cast iron |  |  |  |
| Direction of rotation      | CW/CCW          | Painting                             | RAL5010   |  |  |  |
| Degree of protection       | IP66            | 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                 | on demand |  |  |  |
| Temperature sensors in winding | 3 x PTC | Optional accessories            | on demand |  |  |  |

| STANDARDS  |  |
|--|--|
| EN 60034-1, EN 60079-0, EN 60079-7, EN 60079-15, EN 60079-31 |  |

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

| ADDITIONAL INFO |   |  |  |  |  |
|-----------------|---|--|--|--|--|
| Ex marking      | II 2G Ex eb IIC T4 Gb / II<br>2D Ex tb IIIC T125°C Db |  |  |  |  |

