

MOTOR DATA SHEET

Motor type: ESg145T-4B



03-05-2025

Series: NEMA EPACT

| | ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | |
|-----|-----------------------|----|-----|----|-------|-----|------|----|------|------|------|--------|-------------|-------|-------|---------------|---------|
| U | CONN. | f | ŀ | D | 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 | - | A | rpm | Nm | - | - | - | 2/4 | 3/4 | 4/4 | 2/4 | 3/4 | 4/4 |
| 460 | | 60 | 1.5 | 2 | cont. | 2.7 | 1735 | | 2.4 | 3.3 | 6.8 | 82.0 | 84.0 | 84.0 | | | |

| GENERAL DATA | | | | | | |
|----------------------------|------------|------------------|---------|--|--|--|
| Efficiency class | NEMA EPACT | Frame size | 145 | | | |
| Number of poles | 4 | Insulation class | F | | | |
| Frequency converter supply | on demand | Cooling method | IC411 | | | |
| Direction of rotation | CW/CCW | Painting | RAL5010 | | | |
| Climatic execution | Ν | | | | | |

| ENVIRONMENTAL CONDITIONS | | | | | | | |
|--------------------------|-----------|------------------------------|------------|--|--|--|--|
| Ambient temperature [°C] | up to +40 | Altitude above sea level [m] | up to 1000 | | | | |
| Relative humidity [%] | up to 95 | | | | | | |

| ACCESSORY | | | | | | | |
|----------------------|-----------|--|--|--|--|--|--|
| Optional accessories | on demand | | | | | | |
| STANDARDS | | | | | | | |
| NEMA MG-1 | | | | | | | |
| CERTIFICATES | | | | | | | |

| ADDITIONAL INFO | | | | | | |
|------------------|---|--|--|--|--|--|
| NEMA code letter | J | | | | | |

As part of our development program, we reserve the rights to alter or amend any of the specifications without giving prior notice.

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