



## MOTOR DATA SHEET

Motor type: **ESg145T-4B**

Series: **NEMA EPACT**

14-06-2025

### ELECTRICAL PARAMETERS

| U   | CONN. | f  | P   |    | Duty  | I   | n    | T  | TL/T | TB/T | IL/I | Efficiency at load [%] |      |      | Power factor at load [-] |     |     |
|-----|-------|----|-----|----|-------|-----|------|----|------|------|------|------------------------|------|------|--------------------------|-----|-----|
| 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         | N          |                  |         |

### 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 |
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### CERTIFICATES

|     |
|-----|
| CSA |
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### ADDITIONAL INFO

|                  |   |  |  |
|------------------|---|--|--|
| NEMA code letter | J |  |  |
|------------------|---|--|--|