



## MOTOR DATA SHEET

Motor type: **ESg145T-6**

Series: **NEMA EPACT**

03-05-2025

### 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 | 0.75 | 1  | cont. | 1.6 | 1155 |    | 1.8  | 2.9  | 5.1  | 76.8                   | 79.7 | 80.0 |                          |     |     |

### GENERAL DATA

|                            |            |                  |         |
|----------------------------|------------|------------------|---------|
| Efficiency class           | NEMA EPACT | Frame size       | 145     |
| Number of poles            | 6          | 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 | H |  |  |
|------------------|---|--|--|