

MOTOR DATA SHEET

Motor type: **ESg145T-6**

Series: **NEMA EPACT**



22-10-2025

| | ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | |
|-----|-----------------------|----|------|----|-------|-----|------|----|------|------|------|--------|-------------|-------|------|---------------|---------|
| U | CONN. | f | F | • | Duty | 1 | n | Т | TL/T | TB/T | IL/I | Effici | ency at loa | d [%] | Powe | r factor at l | oad [-] |
| V | - | Hz | kW | HP | - | Α | 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 | |

| CERTIFICATES | |
|--------------|--|
| CSA | |

| ADDITIONAL INFO | | | | | | |
|------------------|---|--|--|--|--|--|
| NEMA code letter | Н | | | | | |

