



MOTOR DATA SHEET

Motor type: **ESg254T-6**

Series: **NEMA Epact**

15-06-2025

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 | 5.5 | 7.5 | cont. | 9.2 | 1180 | | 2.6 | 2.2 | 6.4 | 88.4 | 89.7 | 89.5 | | | |

GENERAL DATA

| | | | |
|----------------------------|------------|------------------|---------|
| Efficiency class | NEMA EPACT | Frame size | 254 |
| 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 | | |
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STANDARDS

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| NEMA MG-1 |
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CERTIFICATES

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| CSA |
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ADDITIONAL INFO

| | | | |
|------------------|---|--|--|
| NEMA code letter | G | | |
|------------------|---|--|--|