



## MOTOR DATA SHEET

Motor type: **STe447T4A**

Series: **NEMA EPACT**

04-05-2025

### 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 | Δ     | 60 | 150 | 200 | cont. | 227 | 1785 | 799 | 2.1  | 2.3  | 6.3  | 95.6                   | 95.9 | 95.4 | 76.0                     | 83  | 86  |

### GENERAL DATA

|                            |            |                                      |           |
|----------------------------|------------|--------------------------------------|-----------|
| Efficiency class           | NEMA EPACT | Sound pressure level [dB]            | 78        |
| Frame size                 | 447        | Sound power level [dB]               | 88        |
| Number of poles            | 4          | Terminal box position                | left side |
| Starting method            | DOL, PWS   | Possibility of terminal box rotation | yes       |
| Insulation class           | H          | Bearing on D-side                    | 6320C3    |
| Frequency converter supply | on demand  | Bearing on ND-side                   | 6318C3    |
| Mounting arrangement       | IMB3/IMB35 | Bearings regreasing                  | yes       |
| Cooling method             | IC411      | Housing - material                   | cast iron |
| Weight [Lbs]               | 1755       | Feet - material                      | cast iron |
| Moment of inertia [Lb-Ft2] | 38.4       | Bearing shields - material           | cast iron |
| Direction of rotation      | CW/CCW     | Painting                             | RAL5010   |
| Degree of protection       | IP55       | 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

|                                |           |                                 |           |
|--------------------------------|-----------|---------------------------------|-----------|
| Number of terminals or cables  | 12        | Temperature sensors in bearings | on demand |
| Cable glands/inlets            | 2         | Winding heaters                 | on demand |
| Temperature sensors in winding | on demand | Optional accessories            | on demand |

### STANDARDS

NEMA MG-1

### CERTIFICATES

CSA

### ADDITIONAL INFO

|             |   |                  |   |
|-------------|---|------------------|---|
| NEMA design | B | NEMA code letter | G |
|-------------|---|------------------|---|