

MOTOR DATA SHEET

Motor type: **Sfw710-2D**

Series: STANDARD EFFICIENCY



04-12-2025

| ELECTRICAL PARAMETERS | | | | | | | | | | | | | | | | | |
|-----------------------|-------|----|------|------|------|-----|------|-------|------|------|------|--------|-------------|-------|-------|---------------|---------|
| U | CONN. | f | ŀ | D | Duty | 1 | n | Т | TL/T | TB/T | IL/I | Effici | ency at loa | d [%] | Power | r factor at l | oad [-] |
| V | - | Hz | kW | HP | - | Α | rpm | Nm | - | - | - | 2/4 | 3/4 | 4/4 | 2/4 | 3/4 | 4/4 |
| 6000 | Y | 50 | 3150 | 4223 | S1 | 347 | 2987 | 10071 | 0.45 | 2.1 | 5.5 | - | - | 97.1 | - | - | 0.90 |

| GENERAL DATA | | | | | | |
|----------------------------|------------------------------------|--------------------------------------|---------------|--|--|--|
| Efficiency class | - | Sound pressure level [dB] | - | | | |
| Frame size | 710 | Sound power level [dB] | - | | | |
| Number of poles | 2 | Terminal box position | on right side | | | |
| Starting method | DOL | Possibility of terminal box rotation | yes | | | |
| Insulation class | F | Bearing on D-side | EFZLK14-140 | | | |
| Frequency converter supply | on demand | Bearing on ND-side | EFZLQ11-125 | | | |
| Mounting arrangement | IM1102(B3) | Bearings regreasing | yes | | | |
| Cooling method | IC81W | Housing - material | steel | | | |
| Weight (IMB3) [kg] | 9500 | Feet - material | steel | | | |
| Moment of inertia [kgm2] | 110 | Bearing shields - material | steel | | | |
| Direction of rotation | CW or CCW (according to the order) | Painting | RAL5010 | | | |
| Degree of protection | IP55 | Climatic execution | N | | | |

| ENVIRONMENTAL CONDITIONS | | | | | | |
|--------------------------|-------------------|--------------------------------|-------------------|--|--|--|
| Ambient temperature [°C] | from +5 up to +40 | Altitude above sea level [m] | up to 1000 | | | |
| Relative humidity [%] | up to 95 | Cooling water temperature [°C] | from +5 up to +25 | | | |

| ACCESSORY | | | | | | |
|--------------------------------|--------------------------|---------------------------------|--------------------------|--|--|--|
| Number of terminals or cables | 3 | Temperature sensors in bearings | 2 x Pt100 (1 pc/bearing) | | | |
| Cable glands/inlets | 1 | Winding heaters | on demand | | | |
| Temperature sensors in winding | 6 x Pt100 (2 pcs./phase) | Optional accessories | on demand | | | |

| STANDARDS | |
|------------|--|
| IEC60034-1 | |

| CERTIFICATES | | | | | |
|--------------|--|--|--|--|--|
| on demand | | | | | |

