



## MOTOR DATA SHEET

Motor type: **Sfw710-2A**

Series: **STANDARD EFFICIENCY**

05-12-2024

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
6000	Y	50	2250	3020	S1	249	2986	7196	0.9	1.9	4.8	-	-	96.6	-	-	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]	8750	Feet - material	steel
Moment of inertia [kgm <sup>2</sup> ]	80.4	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