

MOTOR DATA SHEET

Motor type: **Sfw710-2C**

Series: Standard efficiency



04-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	I	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	2800	3750	S1	312	2984	8946	0.6	1.9	4.5	-	-	96.9	-	-	0.89

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]	9400	Feet - material	steel			
Moment of inertia [kgm2]	99	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					

