

## **MOTOR DATA SHEET**

Motor type: **Sf710Y12** 

Series: STANDARD EFFICIENCY



04-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	D	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	1250	1680	S1	156	497	24019	0.8	2	5.4	-	-	96.2	-	-	0.80

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	710	Sound power level [dB]	-			
Number of poles	12	Terminal box position	on right side			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	NU238EM1+6238MC3			
Frequency converter supply	on demand	Bearing on ND-side	NU232EM1			
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes			
Cooling method	IC611	Housing - material	steel			
Weight (IMB3) [kg]	11200	Feet - material	steel			
Moment of inertia [kgm2]	316	Bearing shields - material	steel			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

ENVIRONMENTAL CONDITIONS					
Ambient temperature [°C]	from -20 up to +40	Altitude above sea level [m]	up to 1000		
Relative humidity [%]	up to 95				

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 de	emand			

