



MOTOR DATA SHEET

Motor type: **Sf710Y12C**

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 [-]		
V	-	Hz	kW	HP	-	A	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	1450	1940	S1	179	497	27862	0.6	2	5.5	-	-	96.4	-	-	0.81

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]	11500	Feet - material	steel
Moment of inertia [kgm ²]	344	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 demand