

## **MOTOR DATA SHEET**

Motor type: Sg100L-10A

Series: **ABOVE 8-POLES** 



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	0.55	0.75	S1	5.7	570	9.21	2.7	2.7	3.1	39.8	49.2	55.0	0.30	0.39	0.44
400	Y	50	0.55	0.75	S1	3.3	570	9.21	2.7	2.7	3.1	39.8	49.2	55.0	0.30	0.39	0.44

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	64			
Frame size	100	Sound power level [dB]	54			
Number of poles	10	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6206 2Z C3			
Frequency converter supply	yes	Bearing on ND-side	6206 2Z C3			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	24	Feet - material	aluminium			
Moment of inertia [kgm2]	0.009	Bearing shields - material	aluminium			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

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

ACCESSORY					
Number of terminals or cables	6	Temperature sensors in bearings	on demand		
Cable glands/inlets	1	Winding heaters	on demand		
Temperature sensors in winding	on demand	Optional accessories	on demand		

STANDARDS				
	IEC 60034-1			

CERTIFICATES				
on demand				

