

MOTOR DATA SHEET

Motor type: Sg100L-6_4B

Series: MULTI SPEED



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	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
400	Y	50	1.2	1.6	S1	3.2	960	11.94	1.8	2.7	4.8	66.4	71.6	73.0	0.52	0.64	0.74
400	Y	50	1.7	2.3	S1	4.1	1435	11.31	1.4	2.3	4.5	69.5	73.6	74.0	0.61	0.75	0.82

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	54 64			
Frame size	100	Sound power level [dB]	74 71			
Number of poles	6 4	Terminal box position	top			
Starting method	DOL / DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62062Z			
Frequency converter supply	on demand	Bearing on ND-side	62062Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	26	Feet - material	aluminium			
Moment of inertia [kgm2]	0.0094	Bearing shields - material	aluminium			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP 55	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	

