

## **MOTOR DATA SHEET**

Motor type: Sg160L-6\_4

Series: MULTI SPEED



21-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	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	7.0	9.4	S1	15	970	68.92	2.3	2.9	7.3	83.0	85.0	85.0	0.58	0.71	0.79
400	Y	50	10.8	14.7	S1	20.4	1450	71.13	1.9	2.8	7.2	85.1	86.9	86.8	0.74	0.84	0.88

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	66 67			
Frame size	160	Sound power level [dB]	69 77			
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	63092Z			
Frequency converter supply	on demand	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	on demand			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	135	Feet - material	cast iron			
Moment of inertia [kgm2]	0.097	Bearing shields - material	cast iron			
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	

