

MOTOR DATA SHEET

Motor type: Sg180L-8_6

Series: Multi speed



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	9	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	8.0	10.7	S1	17.8	730	104.66	1.8	1.6	4.3	82.8	83.7	82.3	0.62	0.74	0.79
400	Y	50	11	15	S1	22.6	980	107.19	1.9	2.0	5.3	84.6	85.9	85.7	0.66	0.77	0.82

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	65 65				
Frame size	180	Sound power level [dB]	68 69				
Number of poles	8 6	Terminal box position	top				
Starting method	DOL / DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	63112Z				
Frequency converter supply	on demand	Bearing on ND-side	63112Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	on demand				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	165	Feet - material	cast iron				
Moment of inertia [kgm2]	0.22	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	

