

MOTOR DATA SHEET

Motor type: **Sg132S-8_4_2**

Series: MULTI SPEED



08-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	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	Δ	50	1.5	2.0	S1	4.9	725	19.76	1.9	2.7	4.7	61.4	67.9	71.0	0.41	0.52	0.62
400	YY	50	2.2	3.0	S1	4.5	1455	14.44	1.8	2.6	6.8	78.1	80.9	81.0	0.72	0.82	0.88
400	Y	50	2.8	3.8	S1	6.1	2870	9.32	1.3	1.5	4.9	66.6	70.5	71.5	0.86	0.90	0.93

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	67 77 79		
Frame size	132	Sound power level [dB]	72 74 88		
Number of poles	8 4 2	Terminal box position	top		
Starting method	DOL / DOL / DOL	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	63082Z		
Frequency converter supply	on demand	Bearing on ND-side	63082Z		
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	on demand		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	60	Feet - material	cast iron		
Moment of inertia [kgm2]	0.026	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

