

## **MOTOR DATA SHEET**

Motor type: **Sg132S-8\_6\_4** 

Series: MULTI SPEED



08-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	Р		Duty	I	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
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	1.7	2.7	4.3	60.7	67.6	70.7	0.41	0.53	0.62
400	Y	50	2.0	2.7	S1	5.2	970	19.69	1.3	2.1	4.7	69.1	74.1	75.6	0.50	0.63	0.73
400	YY	50	3.0	4.0	S1	6	1425	20.11	1.1	1.6	4.7	80.5	80.6	78.2	0.80	0.89	0.92

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	54 5862			
Frame size	132	Sound power level [dB]	58 64 69			
Number of poles	8 6 4	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]	56	Feet - material	cast iron			
Moment of inertia [kgm2]	0.027	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				

