



MOTOR DATA SHEET

Motor type: **Sg132M-6_4**

Series: **MULTI SPEED**

04-12-2024

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Y	50	3.1	4.2	S1	7.4	965	30.68	1.8	2.7	5.7	75.1	78.7	79.3	0.53	0.67	0.76
400	Y	50	4.7	6.4	S1	9.4	1445	31.06	1.6	2.5	5.7	79.8	81.9	81.7	0.72	0.83	0.88

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	56 64
Frame size	132	Sound power level [dB]	68 76
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	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]	70	Feet - material	cast iron
Moment of inertia [kgm ²]	0.04	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