

MOTOR DATA SHEET

Motor type: **Sg160M-6_4**

Series: MULTI SPEED



08-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	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	5.2	7.1	S1	11	965	51.46	1.8	2.4	6.2	81.9	83.7	83.2	0.63	0.75	0.82
400	Y	50	7.4	9.9	S1	14.3	1450	48.74	1.7	2.4	6.5	83.1	85.0	84.9	0.75	0.84	0.88

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	66 67				
Frame size	160	Sound power level [dB]	69 72				
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]	105	Feet - material	cast iron				
Moment of inertia [kgm2]	0.07	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	

