CANTONI MOTORI ELETTRICI

MOTOR DATA SHEET

Motor type: **Sg160L-12_6**

Series: **MULTI SPEED**

03-02-2026

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	3.8	5.2	S1	13.4	465	78.04	1.3	2.1	3.4	69.9	73.9	74.3	0.36	0.47	0.55
400	YY	50	7.7	10.3	S1	15.5	950	77.41	1.4	2.2	5.2	84.9	85.3	84.6	0.73	0.82	0.85

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	75|72
Frame size	160	Sound power level [dB]	72|77
Number of poles	12|6	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]	130	Feet - material	cast iron
Moment of inertia [kgm2]	0.096	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

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