CANTONI MOTOR

MOTOR DATA SHEET

Motor type: **Sg132S-12**

Series: **ABOVE 8-POLES**

05-10-2025

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	1.1	1.5	S1	3.8	460	22.84	1.0	1.6	3.0	62.3	68.2	69.0	0.48	0.53	0.61
690	Y	50	1.1	1.5	S1	2.2	460	22.84	1.0	1.6	3.0	62.3	68.2	69.0	0.48	0.53	0.61

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	73
Frame size	132	Sound power level [dB]	62
Number of poles	12	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6308 2Z C3
Frequency converter supply	yes	Bearing on ND-side	6308 2Z C3
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	54	Feet - material	cast iron
Moment of inertia [kgm2]	0.025	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	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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