CANTONI MOTOR

MOTOR DATA SHEET

Motor type: **PSg132M-8**

Series: **IE1**

31-01-2026

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	4.0	5.5	S1	9.7	700	54.57	2.3	2.8	5.1	75.7	77.8	77.0	0.53	0.67	0.77
690	Y	50	4.0	5.5	S1	5.6	700	54.57	2.3	2.8	5.1	75.7	77.8	77.0	0.53	0.67	0.77

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	60
Frame size	132	Sound power level [dB]	71
Number of poles	8	Terminal box position	top
Starting method	DOL or Y/Δ	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	Bearings regreasing	on demand
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	61.2	Feet - material	cast iron
Moment of inertia [kgm2]	0.0439	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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