CANTONI MOTOR



MOTOR DATA SHEET

Motor type: **PSg112M-4A**

Series: **IE1**

29-03-2024

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*	*N*	-	-	-	*2/4*	*3/4*	*4/4*	*2/4*	*3/4*	*4/4*
400	Δ	50	5.5	7.5	S1	11.3	1425	36.86	2.5	3.1	6.45	84.1	84.9	83.9	0.64	0.77	0.84
690	Y	50	5.5	7.5	S1	6.5	1425	36.86	2.5	3.1	6.45	84.1	84.9	83.9	0.64	0.77	0.84

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	61
Frame size	112	Sound power level [dB]	72
Number of poles	4	Terminal box position	top
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes
Bearing on D-side	6306 2Z C3	Frequency converter supply	yes
Bearing on ND-side	6306 2Z C3	Mounting arrangement	IMB3/B5/B35
Bearings regreasing	no	Cooling method	IC411
Housing - material	aluminium	Weight (IMB3) [kg]	39.0
Feet - material	aluminium	Moment of inertia [kgm2]	0.012
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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