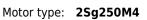


MOTOR DATA SHEET





06-06-2025

Series: IE1

	ELECTRICAL PARAMETERS																
U	CONN.	f	I	D	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	А	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	55	75	S1	93	1483	354	2.4	2.6	7.3	93.3	93.9	93.5	0.84	0.90	0.91
690	Y	50	55	75	S1	54	1483	354	2.4	2.6	7.3	93.3	93.9	93.5	0.84	0.90	0.91

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	78			
Frame size	250	Sound power level [dB]	88			
Number of poles	4 Terminal box position		on right side			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6315C3			
Frequency converter supply	yes	Bearing on ND-side	6315C3			
Mounting arrangement	IMB3/B5/B35 Bearings regreasing		yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	425	Feet - material	cast iron			
Moment of inertia [kgm2]	0.79	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	Ν			

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	2 + 1	Winding heaters	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS
IEC 60034-1

CERTIFICATES

on demand



As part of our development program, we reserve the rights to alter or amend any of the specifications without giving prior notice.

Copyright © 2025 Cantoni Group www.cantonigroup.com