

MOTOR DATA SHEET

Motor type: **2SIE250M6C**

Series: **IE2**



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	45	60	S1	86	992	433	1.9	2.5	6.6	92.5	93.1	93.0	0.68	0.78	0.81
690	Y	50	45	60	S1	50	992	433	1.9	2.5	6.6	92.5	93.1	93.0	0.68	0.78	0.81

GENERAL DATA						
Efficiency class	IE2	Sound pressure level [dB]	67			
Frame size	250	Sound power level [dB]	77			
Number of poles	6	Terminal box position	top			
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]	495	Feet - material	cast iron			
Moment of inertia [kgm2]	1.55	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	2 + 1	Winding heaters	on demand				
Temperature sensors in winding	3 x PTC	Optional accessories	on demand				

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

