

MOTOR DATA SHEET

Motor type: **3SIE250M6C**

Series: **IE3**



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	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	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	45	60	S1	85	992	433	2.0	2.6	6.9	93.2	93.8	93.7	0.69	0.78	0.82
690	Y	50	45	60	S1	49	992	433	2.0	2.6	6.9	93.2	93.8	93.7	0.69	0.78	0.82

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	66			
Frame size	250	Sound power level [dB]	76			
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]	489	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	

