

MOTOR DATA SHEET

Motor type: 2SUg250M4A

Series: **GENERAL PURPOSE**



29-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	I	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power factor at load [-]			
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	37	50	S1	68	1455	243	-	4.3	-	-	-	89.5	-	-	0.88

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	250	Sound power level [dB]	-			
Number of poles	4	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	6215C3			
Frequency converter supply	on demand	Bearing on ND-side	6215C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	485	Feet - material	cast iron			
Moment of inertia [kgm2]	0.95	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	3+3	Temperature sensors in bearings	on demand				
Cable glands/inlets	3	Winding heaters	on demand				
Temperature sensors in winding	3 x PTC	Optional accessories	on demand				

STANDARDS	
IEC 60034-1	

ADDITIONAL INFO							
Rotor voltage [V]	200	Rotor current [A]	117				
Rotor resistance [ohm]	0.0195	Additional rotor resistance [ohm]	0.9869				

