

MOTOR DATA SHEET



Motor type: 2SUg250M4A

Series: **General purpose**

30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	oad [-]
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				

