

## **MOTOR DATA SHEET**

Motor type: 2SUg225M6A

Series: **GENERAL PURPOSE** 



04-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	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	18.5	25	S1	34.5	975	181	-	3.2	ı	-	-	90.3	-	-	0.86

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	Sound power level [dB]		-			
Number of poles	6	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	6213C3			
Frequency converter supply	on demand	Bearing on ND-side	6213C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	355	Feet - material	cast iron			
Moment of inertia [kgm2]	0.64	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]	220	Rotor current [A]	53.5			
Rotor resistance [ohm]	0.0441	Additional rotor resistance [ohm]	2.3742			

