

MOTOR DATA SHEET

Motor type: 2Sg250M4_2

Series: Multi speed



30-11-2025

	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 l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	51	68	S1	87	1485	328	2.5	2.5	7.7	93.1	93.5	93.1	0.83	0.89	0.91
400	YY	50	62	83	S1	103	2955	200	2.0	2.2	7.7	91.0	92.0	91.9	0.92	0.94	0.95

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	-				
Frame size	250	Sound power level [dB]	-				
Number of poles	4 2	Terminal box position	on right side				
Starting method	DOL or Y/Δ / DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6315P63E1				
Frequency converter supply	on demand	Bearing on ND-side	6315P63E1				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	450	Feet - material	cast iron				
Moment of inertia [kgm2]	0.93	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	9	Temperature sensors in bearings	on demand			
Cable glands/inlets	2 + 1	Winding heaters	on demand			
Temperature sensors in winding	yes	Optional accessories	on demand			

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

