

MOTOR DATA SHEET

Motor type: 2Sg250M6_4

Series: MULTI SPEED



08-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	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	Y	50	30	40	S1	61	993	289	2.1	3.5	7.8	83.9	86.6	87.3	0.60	0.73	0.82
400	Y	50	45	60	S1	80	1485	289	2.8	3.9	8.4	86.3	88.9	89.8	0.74	0.84	0.90

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	67 75			
Frame size	250	Sound power level [dB]	77 85			
Number of poles	6 4	Terminal box position	on right side			
Starting method	DOL / 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]	455	Feet - material	cast iron			
Moment of inertia [kgm2]	1.4	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	yes	Optional accessories	on demand				

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

