

MOTOR DATA SHEET

Motor type: **2Sg250M8_6_4**

Series: Multi speed



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	D	Duty	I	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	24	32	S1	49	735	312	2.2	2.6	6.7	-	-	89.0	-	-	0.79
400	Y	50	27	36	S1	49	985	262	1.5	1.8	6.5	-	-	89.0	-	-	0.89
400	YY	50	38	51	S1	66	1480	245	1.9	2.8	8.0	-	-	90.0	-	-	0.93

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	250	Sound power level [dB]	-			
Number of poles	8 6 4	Terminal box position	on right side			
Starting method	DOL / 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]	465	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	IP54	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	

