

## MOTOR DATA SHEET

Motor type: **2Sg250M8\_4W**

Series: **MULTI SPEED**



02-05-2024

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	12	16	S1	23	740	155	1.9	2.1	5.1	89.9	90.6	90.4	0.67	0.75	0.83
400	YY	50	48	64	S1	82	1480	310	2.3	2.8	7.4	91.4	91.9	92.8	0.86	0.89	0.91

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	51 70
Frame size	250	Sound power level [dB]	61 80
Number of poles	8 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 [kg]	450	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	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
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### CERTIFICATES

on demand
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