

## MOTOR DATA SHEET

Motor type: **SIE225M12\_6-K**

Series: **Multi speed**



18-02-2026

### 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	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	12	16	S1	43	494	232	2.8	2.7	5.2	73.5	79.2	80.4	0.30	0.40	0.50
400	YY	50	22	29	S1	42.5	986	213	2.0	2.4	7.3	91.5	91.7	91.1	0.77	0.84	0.82

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	75 61
Frame size	225	Sound power level [dB]	85 71
Number of poles	12 6	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	6313P63E1
Frequency converter supply	on demand	Bearing on ND-side	6313P63E1
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	335	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	0.87	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