



## MOTOR DATA SHEET

Motor type: **SIE225S4\_2-K**

Series: **Multi speed**

31-12-2024

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Δ	50	30	40	S1	53	1477	194	1.9	2.2	6.1	93.3	93.2	92.2	0.82	0.87	0.88
400	YY	50	38	51	S1	66	2945	123	1.5	2.5	6.5	89.1	90.2	90.0	0.88	0.91	0.92

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	63 76
Frame size	225	Sound power level [dB]	73 86
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	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]	310	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	0.44	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