



MOTOR DATA SHEET

Motor type: **SIE225S6_4-K**

Series: **MULTI SPEED**



06-06-2025

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	Y	50	21	28	S1	40	985	204	2.5	2.9	7.6	87.4	88.4	88.0	0.70	0.81	0.86
400	Y	50	30	40	S1	52	1470	195	1.7	2.4	6.4	89.0	89.6	89.0	0.86	0.91	0.93

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	61 70
Frame size	225	Sound power level [dB]	71 80
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	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]	330	Feet - material	cast iron
Moment of inertia [kgm ²]	0.76	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