



MOTOR DATA SHEET

Motor type: **SIE225S12_8_6_4-K**

Series: **Multi speed**

22-12-2024



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	8.0	11	S1	30	495	155	2.6	2.8	4.8	-	-	72.7	-	-	0.53
400	Δ	50	11	15	S1	35	745	141	2.6	3	6.3	-	-	78.1	-	-	0.58
400	YY	50	19	26	S1	35.5	982	185	1.5	1.8	5.3	-	-	85.7	-	-	0.90
400	YY	50	21	28	S1	40.5	1487	135	1.5	2.5	7.2	-	-	84.3	-	-	0.89

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	225	Sound power level [dB]	-
Number of poles	12 8 6 4	Terminal box position	on right side
Starting method	DOL / DOL / 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	12	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