

## **MOTOR DATA SHEET**

Motor type: **SIE225S12\_6-K** 

Series: **MULTI SPEED** 



08-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	10	13	S1	35.2	496	193	2.7	2.6	5.3	-	-	80.3	-	-	0.51
400	YY	50	18.5	25	S1	36.3	984	180	2.1	2.3	7.2	-	-	90.8	-	-	0.81

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	225	Sound power level [dB]	-			
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]	330	Feet - material	cast iron			
Moment of inertia [kgm2]	0.77	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	

