

MOTOR DATA SHEET

Motor type: SIE225M10-K

Series: **ABOVE 8-POLES**



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	15	20	S1	36.5	590	243	2.8	2.0	5.4	86.0	88.0	89.0	0.50	0.63	0.67
690	Y	50	15	20	S1	21	590	243	2.8	2.0	5.4	86.0	88.0	89.0	0.50	0.63	0.67

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	68			
Frame size	225	Sound power level [dB]	78			
Number of poles	10	Terminal box position	on right side			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6313C3			
Frequency converter supply	yes	Bearing on ND-side	6313C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	315	Feet - material	cast iron			
Moment of inertia [kgm2]	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	3 x PTC	Optional accessories	on demand			

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

