

MOTOR DATA SHEET

Motor type: SIE225M16_8W-K

Series: Multi speed



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	4.4	6.0	S1	17.2	114	76.8	1.8	1.8	3.1	67.7	74.1	76.8	0.31	0.40	0.48
400	YY	50	18.5	25	S1	38.5	238	89.7	2.6	2.5	7.1	87.6	89.4	89.7	0.58	0.70	0.77

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	68 69				
Frame size	225	Sound power level [dB]	78 79				
Number of poles	16 8	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]	335	Feet - material	cast iron				
Moment of inertia [kgm2]	0.9	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	

