

MOTOR DATA SHEET

Motor type: SIE225M8_6_4-K

Series: MULTI SPEED



08-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	Duty	I	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	Δ	50	20	27	S1	46	735	260	2.4	2.6	6.6	82.8	85.3	86.0	0.50	0.63	0.73
400	Y	50	23	31	S1	47	985	223	2	2.4	7.5	84.9	86.8	87.0	0.61	0.74	0.81
400	YY	50	30	40	S1	54	1475	194	2.5	2.7	8.0	87.2	88.3	88.0	0.83	0.90	0.91

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	66 66 69		
Frame size	225	Sound power level [dB]	76 76 79		
Number of poles	8 6 4	Terminal box position	on right side		
Starting method	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]	370	Feet - material	cast iron		
Moment of inertia [kgm2]	0.87	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	

