



24  
68  
POLES  
MULTI  
SPEED

## MOTOR DATA SHEET

Motor type: **SIE225M8\_4\_2-K**

Series: **Multi speed**

18-02-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	15	20	S1	39	740	194	2.5	2.0	5.2	82.2	85.4	86.4	0.43	0.55	0.64
400	Δ	50	25	34	S1	44	1485	161	1.4	1.9	5.8	92.4	92.7	92.6	0.85	0.89	0.89
400	YY	50	35	48	S1	60	2950	113	1.3	2.2	5.9	84.4	86.9	88.0	0.94	0.96	0.95

GENERAL DATA				
Efficiency class		-		Sound pressure level [dB]
Frame size		225		Sound power level [dB]
Number of poles		8 4 2		Terminal box position
Starting method		DOL or Y/Δ / DOL / DOL		Possibility of terminal box rotation
Insulation class		F		Bearing on D-side
Frequency converter supply		on demand		Bearing on ND-side
Mounting arrangement		IMB3/B5/B35		Bearings regreasing
Cooling method		IC411		Housing - material
Weight (IMB3) [kg]		365		Feet - material
Moment of inertia [kgm <sup>2</sup> ]		0.54		Bearing shields - material
Direction of rotation		CW/CCW		Painting
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			