

## **MOTOR DATA SHEET**

Motor type: SIE200L12\_6BW-K

Series: MULTI SPEED



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	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	4.0	5.5	S1	11.5	491	78	2.2	2.3	4.4	74.8	79.8	81.5	0.44	0.55	0.63
400	YY	50	17	23	S1	33.5	987	164	2.9	3.1	7.9	85	87.7	88.2	0.65	0.77	0.83

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	59 63				
Frame size	200	Sound power level [dB]	69 73				
Number of poles	12 6	Terminal box position	on right side				
Starting method	DOL / DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6312P63E1				
Frequency converter supply	on demand	Bearing on ND-side	6312P63E1				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	255	Feet - material	cast iron				
Moment of inertia [kgm2]	0.47	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	

