

## **MOTOR DATA SHEET**

Motor type: SIE200L12\_6BW-K

Series: MULTI SPEED



08-12-2025

	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	

