

MOTOR DATA SHEET

Motor type: **2SIE90S6**

Series: **IE2**



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%] Power factor at		factor at l	oad [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	0.75	1.0	S1	3.5	925	7.7	2.2	2.6	4.2	74.3	76.8	75.9	0.46	0.60	0.70
400	Y	50	0.75	1.0	S1	2	925	7.7	2.2	2.6	4.2	74.3	76.8	75.9	0.46	0.60	0.70

GENERAL DATA							
Efficiency class	IE2	Sound pressure level [dB]	51				
Frame size	90	Sound power level [dB]	66				
Number of poles	6	Terminal box position	top				
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	62052Z				
Frequency converter supply	yes	Bearing on ND-side	62052Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	16.5	Feet - material	aluminium				
Moment of inertia [kgm2]	0.0028	Bearing shields - material	aluminium				
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	1	Winding heaters	on demand			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

