

## **MOTOR DATA SHEET**

Motor type: **3SIE80-2B** 

Series: **IE3** 



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	wer factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	1.1	1.5	S1	4.30	2890	3.63	5.1	4.8	9.5	73.7	83.0	83.0	0.53	0.66	0.77
400	Y	50	1.1	1.5	S1	2.50	2890	3.63	5.1	4.8	9.5	73.7	83.0	83.0	0.53	0.66	0.77

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	65			
Frame size	80	Sound power level [dB]	72			
Number of poles	2	Terminal box position	top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62042Z			
Frequency converter supply	yes	Bearing on ND-side	62042Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	11.9	Feet - material	aluminium			
Moment of inertia [kgm2]	0.00142	Bearing shields - material	aluminium			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP54/IP55	Climatic execution	U/2			

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	no			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	on demand					

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

