

MOTOR DATA SHEET

Motor type: 3SSIE80-4BR(F)

Series: SINGLE PHASE IE3



29-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	I	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
230	-	50	0.75	1.0	S1	4.1	1430	5.01	1.5	1.6	4.1	-	-	82.5	-	-	0.96

GENERAL DATA							
Efficiency class	IE3	Sound pressure level [dB]	-				
Frame size	80	Sound power level [dB]	-				
Number of poles	4	Terminal box position	top				
Starting method	DOL	Possibility of terminal box rotation	no				
Insulation class	F	Bearing on D-side	62042Z				
Frequency converter supply	-	Bearing on ND-side	62042Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	11.2	Feet - material	aluminium				
Moment of inertia [kgm2]	0.00265	Bearing shields - material	aluminium				
Direction of rotation	CW/CCW	Painting	RAL5010				
Degree of protection	IP 54/IP 55	Climatic execution	U/2				

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	od -30 do +60	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY							
Number of terminals or cables	4	Temperature sensors in bearings	no				
Cable glands/inlets	1	Winding heaters	no				
Temperature sensors in winding	no	Optional accessories	on demand				

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

ADDITIONAL INFO								
Run capacitor [mikroF/V]	50	Starting capacitor [mikroF/V]	120					

