

MOTOR DATA SHEET

Motor type: **3SIE132S8**

Series: **IE3**



05-05-2025

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	2.2	3.0	S1	5.3	710	29.6	2.2	2.9	5.5	81.2	82.6	81.9	0.54	0.66	0.73
690	Y	50	2.2	3.0	S1	3.1	710	29.6	2.2	2.9	5.5	81.2	82.6	81.9	0.54	0.66	0.73

GENERAL DATA

Efficiency class	IE3	Sound pressure level [dB]	58
Frame size	132	Sound power level [dB]	67
Number of poles	8	Terminal box position	top
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	63082ZC3
Frequency converter supply	yes	Bearing on ND-side	63082ZC3
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	on demand
Cooling method	IC411	Housing - material	aluminium
Weight (IMB3) [kg]	46	Feet - material	aluminium
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