

MOTOR DATA SHEET

Motor type: **Ex3SIE100L2-2GT3**

Series: Increased safety IE3



30-11-2025

							ELECTI	RICAL	PARAN	IETER	S						
U	U CONN. f P		•	Duty	I	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power factor at load [-]				
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	3	4	S1	5.8	2915	9.8	3.0	4.1	7.8	86.9	87.7	87.1			0.85

GENERAL DATA							
Efficiency class	IE3	Sound pressure level [dB]	62				
Frame size	100	Sound power level [dB]	74				
Number of poles	2 Terminal box position		top				
Starting method	DOL	Possibility of terminal box rotation	no				
Insulation class	F	Bearing on D-side	62062Z				
Frequency converter supply	yes	Bearing on ND-side	62062Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	25	Feet - material	aluminium				
Moment of inertia [kgm2]	0.0039	Bearing shields - material	cast iron				
Direction of rotation	CW/CCW	Painting	RAL5010				
Degree of protection	IP55	Climatic execution	N				

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	from -20 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	Winding heaters	no			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS
EN 60034-1, EN-IEC 60079-0, EN 60079-7

CERTIFICATES	
ATEX	

	ADDITIO	NAL INFO			
tE heating time up to T3 temperature [s]	13.5	Ex marking	II 2G Ex eb IIC T3		

