

MOTOR DATA SHEET

Motor type: **Ex3SIE160L2-2GT3**

Series: Increased safety IE3



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	18.5	25	S1	33.2	2940	59.9	2.7	4.0	8.8	91.4	92.5	92.4			0.87

GENERAL DATA							
Efficiency class	IE3	Sound pressure level [dB]	69				
Frame size	160	Sound power level [dB]	82				
Number of poles	2	Terminal box position	top				
Starting method	DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	63092Z				
Frequency converter supply	yes	Bearing on ND-side	63092Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	106	Feet - material	aluminium				
Moment of inertia [kgm2]	0.072	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				
Ī	ATEX			

	ADDITIONAL INFO							
tE heating time up to T3 temperature [s]	5.7	Ex marking	II 2G Ex eb IIC T3					

