

## **MOTOR DATA SHEET**

Motor type: **ExSg100L-2-2GT3** 

Series: **Increased safety** 



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	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
400	Y	50	2.4	3.3	S1	4.8	2905	7.9	2.7	3	8.3	78.0	81.1	81.7	0.75	0.84	0.88

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	71			
Frame size	100	Sound power level [dB]	81			
Number of poles	2	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62062Z			
Frequency converter supply	no	Bearing on ND-side	62062Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	22.8	Feet - material	aluminium			
Moment of inertia [kgm2]	0.0048	Bearing shields - material	aluminium			
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 60079-0, EN 60079-15					

CERTIFICATES	
ATEX	

	ADDITIO	NAL INFO			
tE heating time up to T3 temperature [s]	6	Ex marking	II 2G Ex eb IIC T3		

