

## **MOTOR DATA SHEET**

Motor type: **ExSg100L-2-3GT3** 

Series: Non sparking



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	D	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	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	6	2905	7.89	2.7	2.8	7.5	80.8	83.3	83.4	0.72	0.83	0.86

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	on demand	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]	0.0048	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	

ADDITIONAL INFO					
Ex marking	II 3G ExnA IIC T3-T4 Gc				

