

## **MOTOR DATA SHEET**

Motor type: **ExSg160L-4-2GT4** 

Series: **Increased safety** 



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	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	Δ	50	7.5	10	S1	13.8	1465	48.9	2.2	2.9	7.5	87.7	89.3	89.4	0.76	0.84	0.88

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	66			
Frame size	160	Sound power level [dB]	77			
Number of poles	4	Terminal box position	top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	63092Z			
Frequency converter supply	no	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	127	Feet - material	cast iron			
Moment of inertia [kgm2]	0.079	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							

	ACCES	SSORY			
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 T4 temperature [s]	12	Ex marking	II 2G Ex eb IIC T4		

