

## **MOTOR DATA SHEET**

Motor type: **ExSg180M-2-3GT4** 

Series: NON SPARKING



10-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	P	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	10	13.6	S1	17.4	2950	32.37	2.4	3.6	8.5	87.8	89.9	90.4	0.84	0.90	0.92

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	77			
Frame size	180	Sound power level [dB]	88			
Number of poles	2 Terminal box position		top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	63112Z			
Frequency converter supply	on demand	Bearing on ND-side	63112Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	191	Feet - material	cast iron			
Moment of inertia [kgm2]	0.085	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 60079-0, EN 60079-15					

CERTIFICATES
ATEX

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

