

MOTOR DATA SHEET

Motor type: **ExSg160M-4-3GT4**

Series: Non sparking



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	D	Duty	I	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	6	8.1	S1	11.3	1465	39.11	2	2.8	7.3	86.8	88.3	88.6	0.74	0.81	0.87

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	63				
Frame size	160	Sound power level [dB]	74				
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	on demand	Bearing on ND-side	63092Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	101	Feet - material	cast iron				
Moment of inertia [kgm2]	0.061	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

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

