

MOTOR DATA SHEET

Motor type: **ExSg132M-6A-3GT3**

Series: NON SPARKING



21-11-2025

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 lo	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	4	5.5	S1	8.7	950	40.21	2.4	3.1	6	83.0	84.6	84.0	0.57	0.70	0.79

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	62				
Frame size	132	Sound power level [dB]	73				
Number of poles	6	Terminal box position	top				
Starting method	DOL or Y/∆	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	63082Z				
Frequency converter supply	on demand	Bearing on ND-side	63082Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	73	Feet - material	cast iron				
Moment of inertia [kgm2]	0.032	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						

