

MOTOR DATA SHEET

Motor type: ExSg132M-6B-2GT3_2D

Series: GAS AND DUST - CATEGORY 2D, 3D, 3G



10-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	•	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	5.5	7.5	S1	11.6	950	55.3	2.7	3.4	7.2	82.7	84.1	83.3	0.65	0.76	0.82

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/Δ	Possibility of terminal box rotation	yes	
Insulation class	F	Bearing on D-side	63082Z	
Frequency converter supply	no	Bearing on ND-side	63082Z	
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes	
Cooling method	IC411	Housing - material	cast iron	
Weight (IMB3) [kg]	71	Feet - material	cast iron	
Moment of inertia [kgm2]	0.039	Bearing shields - material	cast iron	
Direction of rotation	CW/CCW	Painting	RAL5010	
Degree of protection	IP66	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	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS
EN 60034-1, EN 60079-0, EN 60079-7, EN 60079-15, EN 60079-31

CERTIFICATES	
ATEX	

ADDITIONAL INFO				
Ex marking	II 2G Ex eb IIC T3 Gb / II 2D Ex tb IIIC T125°C Db			

