

MOTOR DATA SHEET

Motor type: ExSg132S-4-2GT4_2D

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



10-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	D	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	3	4	S1	6	1465	19.6	2.3	3	6.5	82.5	85.0	85.5	0.69	0.79	0.85

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	64			
Frame size	132	Sound power level [dB]	75			
Number of poles	4	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	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]	60	Feet - material	cast iron			
Moment of inertia [kgm2]	0.028	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 T4 Gb / II 2D Ex tb IIIC T125°C Db			

