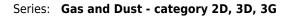


MOTOR DATA SHEET

Motor type: **ExSg112M-6-2GT3_2D**





16-06-2025

	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	2.2	3	S1	5.1	960	21.9	2.3	2.7	6.9	78.6	81.1	81.2	0.57	0.69	0.77

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	60			
Frame size	112	Sound power level [dB]	70			
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	63062Z			
Frequency converter supply	no	Bearing on ND-side	63062Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	32	Feet - material	aluminium			
Moment of inertia [kgm2]	0.019	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP66	Climatic execution	N			

	ENVIRONMENT		
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				

