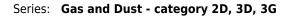


MOTOR DATA SHEET

Motor type: ExSg160L-2-2GT4_2D





30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	0	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	7.5	10	S1	13.1	2950	24.3	3.2	3.5	7.75	87.1	89.3	90.0	0.85	0.90	0.92

GENERAL DATA				
Efficiency class	-	Sound pressure level [dB]	73	
Frame size	160	Sound power level [dB]	84	
Number of poles	2	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	no	Bearing on ND-side	63092Z	
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes	
Cooling method	IC411	Housing - material	cast iron	
Weight (IMB3) [kg]	129	Feet - material	cast iron	
Moment of inertia [kgm2]	0.058	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	2G Ex eb C T4 Gb / 2D Ex tb C T125°C Db				

