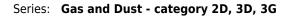


MOTOR DATA SHEET

Motor type: ExSg160L-4-2GT3_2D





04-06-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	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	15	20	S1	28	1460	98.1	2.3	3	6.8	89.2	90.1	89.7	0.72	0.83	0.86

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	66		
Frame size	160	Sound power level [dB]	77		
Number of poles	4	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]	126	Feet - material	cast iron		
Moment of inertia [kgm2]	0.079	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 T3 Gb / 2D Ex tb C T125°C Db			

