

MOTOR DATA SHEET

Motor type: **ExSg160L-2-3GT3**

Series: NON SPARKING



09-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	P	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	16	21.4	S1	32.5	2930	52.15	2.1	2.9	6.8	87.1	89.3	90.3	0.83	0.89	0.91

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	on demand	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	119	Feet - material	cast iron			
Moment of inertia [kgm2]	0.059	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	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	no			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS
EN 60079-0, EN 60079-15

CERTIFICATES	
ATEX	

	ADDITIO	ONAL INFO				
Ex marking	II 3G ExnA IIC T3-T4 Gc					

