

MOTOR DATA SHEET

Motor type: **ExSg180L-4-2GT4**

Series: **Increased safety**



30-11-2025

	ELECTRICAL PARAMETERS																	
L	CONN.		f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at lo	oad [-]
V	-		Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
40	Δ		50	11	15	S1	19.3	1465	71.7	2	2.3	5.7	89.9	90.4	89.8	0.87	0.91	0.92

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	69				
Frame size	180	Sound power level [dB]	80				
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	63112Z				
Frequency converter supply	no	Bearing on ND-side	63112Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	199	Feet - material	cast iron				
Moment of inertia [kgm2]	0.185	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
Ī	ATEX

ADDITIONAL INFO						
tE heating time up to T4 temperature [s]	7	Ex marking	II 2G Ex eb IIC T4			

