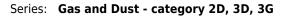


## **MOTOR DATA SHEET**

Motor type: **ExSg180M-4-2GT3\_2D** 





16-06-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	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	18.5	25	S1	33	1470	120.2	2.8	2.7	6.7	91.1	91.8	91.4	0.76	0.85	0.89

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]	173	Feet - material	cast iron			
Moment of inertia [kgm2]	0.155	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	II 2G Ex eb IIC T3 Gb / II 2D Ex tb IIIC T125°C Db			

