



## MOTOR DATA SHEET

Motor type: **ExSg132S-4-2GT4**

Series: **INCREASED SAFETY**

03-12-2023

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Δ	50	3	4	S1	6	1465	19.6	2.3	3	6.5	82.5	85.0	85.5	0.69	0.79	0.85

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	64
Frame size	132	Sound power level [dB]	75
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	63082Z
Frequency converter supply	no	Bearing on ND-side	63082Z
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight [kg]	60	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	0.028	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

### ADDITIONAL INFO

Ex marking	II 2G Ex eb IIC T4	tE heating time up to T4 temperature [s]	8
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