



## MOTOR DATA SHEET

Motor type: **Ex3SIE100L6-2GT3**

Series: **Increased safety IE3**

18-02-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	1.5	2	S1	3.5	960	14.9	2.0	2.7	5.5	81.1	82.8	82.5			0.74

### GENERAL DATA

Efficiency class	IE3	Sound pressure level [dB]	52
Frame size	100	Sound power level [dB]	64
Number of poles	6	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	62062Z
Frequency converter supply	yes	Bearing on ND-side	62062Z
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no
Cooling method	IC411	Housing - material	aluminium
Weight (IMB3) [kg]	23.5	Feet - material	aluminium
Moment of inertia [kgm <sup>2</sup> ]	0.01	Bearing shields - material	aluminium
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 60034-1, EN-IEC 60079-0, EN 60079-7

### CERTIFICATES

ATEX

### ADDITIONAL INFO

tE heating time up to T3 temperature [s]	24	Ex marking	II 2G Ex eb IIC T3
--	----	------------	--------------------