



MOTOR DATA SHEET

Motor type: **Ex3SIE132M4-2GT3**

Series: **INCREASED SAFETY IE3**

31-12-2024

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	7.5	10	S1	14.4	1465	49.1	2.9	3.8	9.5	89.7	90.6	90.4			0.83

GENERAL DATA

Efficiency class	IE3	Sound pressure level [dB]	59
Frame size	132	Sound power level [dB]	72
Number of poles	4	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	63082Z
Frequency converter supply	yes	Bearing on ND-side	63082Z
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no
Cooling method	IC411	Housing - material	aluminium
Weight (IMB3) [kg]	67	Feet - material	aluminium
Moment of inertia [kgm ²]	0.042	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 60034-1, EN-IEC 60079-0, EN 60079-7

CERTIFICATES

ATEX

ADDITIONAL INFO

tE heating time up to T3 temperature [s]	12	Ex marking	II 2G Ex eb IIC T3
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