

MOTOR DATA SHEET

Motor type: **Ex3SIE132M4-2GT3**

Series: INCREASED SAFETY IE3



04-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	D	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	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 [kgm2]	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			

