

MOTOR DATA SHEET

Motor type: **Ex3SIE160M6-2GT3**

Series: INCREASED SAFETY IE3



04-12-2025

							ELECT	RICAL	PARAN	METER	S						
U	CONN.	f	F	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	15.2	970	73.8	2.1	2.9	6.6	89.0	89.9	89.1			0.80

GENERAL DATA							
Efficiency class	IE3	Sound pressure level [dB]	61				
Frame size	160	Sound power level [dB]	74				
Number of poles	6	Terminal box position	top				
Starting method	DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	63092Z				
Frequency converter supply	yes	Bearing on ND-side	63092Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	101	Feet - material	aluminium				
Moment of inertia [kgm2]	0.102	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	

	ADDITIO	NAL INFO			
tE heating time up to T3 temperature [s]	16	Ex marking	II 2G Ex eb IIC T3		

