

## **MOTOR DATA SHEET**

Motor type: (E)cSg(b)225M6-EP

Series: Flameproof IE1



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	D	Duty	I	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	Y	50	30	40	S1	54	982	292	2.1	2.2	6.3	92.3	92.5	91.9	0.82	0.87	0.88

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	73		
Frame size	225	Sound power level [dB]	83		
Number of poles	6	Terminal box position	top		
Starting method	DOL	Possibility of terminal box rotation	no		
Insulation class	F	Bearing on D-side	NU313		
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	6313C3		
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	365	Feet - material	cast iron		
Moment of inertia [kgm2]	0.76	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 100						

ACCESSORY						
Number of terminals or cables	3	Temperature sensors in bearings	on demand			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS
IEC 60034-1, IEC 60079-0, IEC 60079-1, IEC 60079-7

CERTIFICATES
ATEX, EAC, BiH

ADDITIONAL INFO					
Ex marking	II 2G Ex db eb IIC T5 Gb				

