

## **MOTOR DATA SHEET**

Motor type: (E)cSg(b)225M2-EP

Series: **FLAMEPROOF IE1** 



21-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	•	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	Y	50	45	60	S1	77	2968	145	2.4	2.5	7	93.8	94.6	94.5	0.82	0.87	0.89

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	79		
Frame size	225	Sound power level [dB]	89		
Number of poles	2	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]	375	Feet - material	cast iron		
Moment of inertia [kgm2]	0.26	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				

