

## **MOTOR DATA SHEET**

Motor type: (E)cSTe(b)112M6A-IE3

Series: **FLAMEPROOF IE3** 



11-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	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	3.0	4.0	S1	6.7	960	29.7	1.5	2.3	5.5	86.0	86.7	85.6	0.55	0.68	0.75

GENERAL DATA					
Efficiency class	IE3	Sound pressure level [dB]	-		
Frame size	112	Sound power level [dB]	-		
Number of poles	6	Terminal box position	top		
Starting method	DOL	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	6306 2Z C3		
Frequency converter supply	on demand	Bearing on ND-side	6306 2Z C3		
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	98	Feet - material	cast iron		
Moment of inertia [kgm2]	0.0177	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	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) IIB 15 Gb Iub na życzenie II 2G Ex db (eb) IIC 15 Gb			

