

MOTOR DATA SHEET

Motor type: **(E)cSTe(b)132M6C-IE3**

Series: **FLAMEPROOF IE3**



11-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	•	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	7.5	10	S1	16	965	74.2	3.1	3.8	7.7	88.4	89.5	89.1	0.64	0.75	0.80

GENERAL DATA					
Efficiency class	IE3	Sound pressure level [dB]	-		
Frame size	132	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	6308 2Z C3		
Frequency converter supply	on demand	Bearing on ND-side	6308 2Z C3		
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	134	Feet - material	cast iron		
Moment of inertia [kgm2]	0.0637	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				

