

MOTOR DATA SHEET

Motor type: (E)cSTe(b)250M8-IE3

Series: Flameproof IE3



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	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	Y	50	30	40	S1	59	739	388	2.8	2.5	6.6	90.8	91.6	91.3	0.63	0.74	0.80

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	-			
Frame size	250	Sound power level [dB]	-			
Number of poles	8	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6315 C3			
Frequency converter supply	on demand	Bearing on ND-side	6315 C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	580	Feet - material	cast iron			
Moment of inertia [kgm2]	1.27	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	ll 2G Ex db (eb) IIB T5 Gb lub na życzenie II 2G Ex db (eb) IIC T5 Gb	

