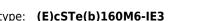


## **MOTOR DATA SHEET**





04-06-2025

Motor type: (E)cSTe(b)160M6-IE3

## Series: Flameproof IE3

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	þ	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	-	А	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	7.5	10	S1	14.8	970	74	2.3	2.8	6.6	89.0	89.9	89.5	0.66	0.77	0.82

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	-			
Frame size	160 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	6309 2Z C3			
Frequency converter supply	on demand	Bearing on ND-side	6309 2Z C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	on demand			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	254	Feet - material	cast iron			
Moment of inertia [kgm2]	0.102	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	
CENTRICATES	

ATEX, EAC, BiH

ADDITIONAL INFO						
Ex marking	l II 2G Ex db (eb) IIB T5 Gb lub na życzenie II 2G Ex db (eb) IIC T5 Gb					

As part of our development program, we reserve the rights to alter or amend any of the specifications without giving prior notice.

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