

MOTOR DATA SHEET

Motor type: (E)cSg200L8-EP

Series: **FLAMEPROOF IE1**



11-12-2025

	ELECTRICAL PARAMETERS																	
U	J	CONN.	f	,	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
١	/	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
40	00	Y	50	15	20	S1	29.1	733	195	2.2	2.1	5.5	88.8	90.0	89.5	0.73	0.81	0.83

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	60				
Frame size	200	Sound power level [dB]	70				
Number of poles	8	Terminal box position	top				
Starting method	DOL	Possibility of terminal box rotation	no				
Insulation class	F	Bearing on D-side	NU312				
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	6312C3				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	290	Feet - material	cast iron				
Moment of inertia [kgm2]	0.45	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 / II 2G Ex db IIB T5 Gb					

