

MOTOR DATA SHEET

Motor type: (E)cSg160L4-EP

Series: **FLAMEPROOF IE1**



21-11-2025

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	15	20	S1	28	1460	98	2.5	3.2	7.9	89.9	90.5	89.8	0.72	0.82	0.86

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	68				
Frame size	160	Sound power level [dB]	78				
Number of poles	4	Terminal box position	top				
Starting method	DOL Possibility of terminal box rotation		no				
Insulation class	F	Bearing on D-side	63092Z				
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	63092Z				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	172	Feet - material	cast iron				
Moment of inertia [kgm2]	0.08	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

	ADDITION	NAL INFO			
Ex marking	II 2G Ex db (eb) IIB Tb Gb				

