

## **MOTOR DATA SHEET**

Motor type: **(E)CSgb90L2** 

Series: Flameproof IE1



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	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
40	Y	50	2.2	3	S1	4.6	2865	7.3	3.4	3.5	6.5	80.3	82.6	83.3	0.59	0.74	0.82

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	70			
Frame size	90	Sound power level [dB]	80			
Number of poles	2 Terminal box position		top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	62052Z			
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	62052Z			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	36.5	Feet - material	cast iron			
Moment of inertia [kgm2]	0.002	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP54	Climatic execution	N			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	from -20 up to +50	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	11.2G Ex db eb   IB+H2 T5   Gb / II 2G Ex db IIB+H2   T5 Gb				

