

MOTOR DATA SHEET

Motor type: (E)cSgb315S4-EP

Series: **FLAMEPROOF IE1**



04-12-2025

	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 lo	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	110	150	S1	183	1480	710	2.3	2.2	6.9	94.1	94.4	94.2	0.86	0.90	0.92

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	76		
Frame size	315	Sound power level [dB]	86		
Number of poles	4	Terminal box position	top		
Starting method	DOL	Possibility of terminal box rotation	no		
Insulation class	F	Bearing on D-side	NU318		
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	6318C3		
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	785	Feet - material	cast iron		
Moment of inertia [kgm2]	1.67	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	2G Ex db eb B T4 Gb /			

