

## **MOTOR DATA SHEET**

Motor type: (E)cSgb280S6-EP

Series: **FLAMEPROOF IE1** 



04-12-2025

	ELECTRICAL PARAMETERS																	
	U	CONN.	f	ŀ	•	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
-	400	Y	50	45	60	S1	80	985	436	2	2.3	6.5	91.8	93.0	93.0	0.75	0.84	0.87

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	68			
Frame size	280	Sound power level [dB]	78			
Number of poles	6	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	NU317			
Frequency converter supply	on request - execution (-f)	Bearing on ND-side	6317C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	555	Feet - material	cast iron			
Moment of inertia [kgm2]	1.35	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 IIB+H2 T5   Gb / II 2G Ex db IIB T5 Gb	

