

MOTOR DATA SHEET

Motor type: dSg315S2-EP

Series: **General purpose**



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	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
1000	Y	50	110	150	S1	73	2977	353	2	2.8	8.7	94.0	94.9	95.1	0.88	0.91	0.91

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	82			
Frame size	315	Sound power level [dB]	92			
Number of poles	2	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	NU315			
Frequency converter supply	on demand	Bearing on ND-side	6315C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	780	Feet - material	cast iron			
Moment of inertia [kgm2]	0.91	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		2 x bimetallic (1pc/bearing)			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	3 x bimetallic	Optional accessories	on demand			

STANDARDS					
	IEC 60034-1, IEC 60079-0, IEC 60079-1				

CERTIFICATES
ATEX, EAC, BiH

ADDITIONAL INFO						
Ex marking	I M2 Ex db I Mb / II2G Ex db IIA T4 Gb					

