

MOTOR DATA SHEET



Motor type: **SUDg315S8(S3-40%)**

Series: For cranes

04-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ı	•	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
380	Δ	50	80	107	S3-40%	166	728	1050	-	2.7	-	-	-	91.3	-	-	0.80

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	315	Sound power level [dB]	-			
Number of poles	8	Terminal box position	on right side			
Starting method	DOL with external starter	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	NU320EM1			
Frequency converter supply	no	Bearing on ND-side	6320C3			
Mounting arrangement	IMB3	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	1085	Feet - material	cast iron			
Moment of inertia [kgm2]	5.2	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP54	Climatic execution	N			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY						
Number of terminals or cables	6+3	Temperature sensors in bearings	on demand			
Cable glands/inlets	2 + 1	Winding heaters	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS						
IEC 60034-1						

ADDITIONAL INFO							
Rotor voltage [V]	270	Rotor current [A]	182				

