

MOTOR DATA SHEET



Motor type: **SUDg315M6(S3-100%)**

Series: FOR CRANES

07-12-2025

	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
380	Δ	50	90	120	S3-100%	174	976	881	-	3.5	-	-	-	92.3	·	-	0.85

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	315	Sound power level [dB]	-			
Number of poles	6	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]	1155	Feet - material	cast iron			
Moment of inertia [kgm2]	5.45	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]	vel [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]	330	Rotor current [A]	168				

