MOTOR DATA SHEET

Motor type: **SUDg315S10(S3-60%)**

Series: **FOR CRANES**

04-05-2025

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
380	Δ	50	52	70	S3-60%	117	580	856	-	2.6	-	-	-	90.1	-	-	0.75

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	315	Sound power level [dB]	-
Number of poles	10	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]	1000	Feet - material	cast iron
Moment of inertia [kgm2]	5.6	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]	220	Rotor current [A]	140