MOTOR DATA SHEET

Motor type: **2SUDg200L8(S3-25%)**

Series: **For cranes**

11-01-2026

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*
400	Y+Y	50	16.5	22.5	S3-25%	36	705	224	-	2.2	-	-	-	83.2	-	-	0.79

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	200	Sound power level [dB]	-
Number of poles	8	Terminal box position	top
Starting method	DOL with external starter	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	6212 C3
Frequency converter supply	on demand	Bearing on ND-side	6212 C3
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	280	Feet - material	cast iron
Moment of inertia [kgm2]	0.43	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	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	3+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]	250	Rotor current [A]	42
Rotor resistance [ohm]	0.12	Additional rotor resistance [ohm]	3.44

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