

MOTOR DATA SHEET

Motor type: SUg355M12A

Series: **GENERAL PURPOSE**



29-10-2025

	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	S1	198	486	1769	-	1.8	-	-	-	92.3	-	-	0.75

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	355 Sound power level [dB]		-			
Number of poles	12	Terminal box position	on right side			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	NU324EM1			
Frequency converter supply	no	Bearing on ND-side	6322C3			
Mounting arrangement	IMB3	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	1870	Feet - material	cast iron			
Moment of inertia [kgm2]	13.9	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	6+3	Temperature sensors in bearings	on demand				
Cable glands/inlets	2	Winding heaters	on demand				
Temperature sensors in winding	3 x PTC	Optional accessories	on demand				

STANDARDS	
IEC 60034-1	

ADDITIONAL INFO							
Rotor voltage [V]	215	Rotor current [A]	255				

