

MOTOR DATA SHEET

Motor type: **Sg355S10A**

Series: **ABOVE 8-POLES**



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	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
400	Δ or Y	50	90	125	S1	176	592	1452	1.3	2.1	5.7	92.2	93.0	93.0	0.64	0.76	0.79
690	Δ or Y	50	90	125	S1	102	592	1452	1.3	2.1	5.7	92.2	93.0	93.0	0.64	0.76	0.79

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	75				
Frame size	355	Sound power level [dB]	-				
Number of poles	10	Terminal box position	on right side/* on side				
Starting method	bezpośredni lub Y/D	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	NU322 EM1/* 6322 C3				
Frequency converter supply	on demand	Bearing on ND-side	6322 C3/* 7322 BTVP				
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	1250	Feet - material	cast iron				
Moment of inertia [kgm2]	8.2	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	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

CERTIFICATES	
on demand	

