

MOTOR DATA SHEET

Motor type: **2Sg315M12_8_6**

Series: MULTI SPEED



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	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	50	30	41	S1	100	495	579	2.6	2.0	4.6	80.5	84.8	86.7	0.31	0.41	0.50
400	Y	50	35	48	S1	67	737	454	2.2	1.7	5.4	90.1	89.9	88.4	0.74	0.82	0.85
400	YY	50	60	82	s1	109	990	579	2.1	2.2	7.0	92.0	92.8	92.5	0.74	0.83	0.86

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	-		
Frame size	315	Sound power level [dB]	-		
Number of poles	12 8 6	Terminal box position	on right side		
Starting method	DOL or Y/Δ / DOL / DOL	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	6318P63E1		
Frequency converter supply	on demand	Bearing on ND-side	6318P63E1		
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	880	Feet - material	cast iron		
Moment of inertia [kgm2]	2.86	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	12	Temperature sensors in bearings	on demand		
Cable glands/inlets	2 + 1	Winding heaters	on demand		
Temperature sensors in winding	yes	Optional accessories	on demand		

STANDARDS	
IEC 60034-1	

CERTIFICATES
on demand

