

MOTOR DATA SHEET

Motor type: **2Sg315M12_8_6**

Series: MULTI SPEED



21-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f P		Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power factor at load [-]				
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				

