

## **MOTOR DATA SHEET**

Motor type: 2Sg315M4\_2

Series: MULTI SPEED



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	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	95	127	S1	161	1468	640	2.4	3.1	6.8	95.7	95.8	95.5	0.82	0.87	0.89
400	YY	50	115	154	S1	188	2970	370	1.6	2.5	6.2	94.6	95.1	95.0	0.91	0.93	0.93

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	67 77			
Frame size	315	Sound power level [dB]	77 87			
Number of poles	4 2	Terminal box position	on right side			
Starting method	DOL or Y/Δ / 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]	2.27	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	9	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	

