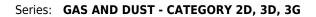


MOTOR DATA SHEET

Motor type: **2Sg315S2-(2D,3D)**





10-12-2025

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	110	150	S1	181	2975	353	1.8	2.6	8	94.6	95.3	95.4	0.88	0.91	0.92

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	82			
Frame size	315	Sound power level [dB]	92			
Number of poles	2 Terminal box position		on right side			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6315C3			
Frequency converter supply	on demand	Bearing on ND-side	6315C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	755	Feet - material	cast iron			
Moment of inertia [kgm2]	0.91	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP66 (2D) / IP56 (3D)	Climatic execution	N			

	ENVIRONMENTAL CONDITIONS					
Ambient temperature [°C]	from -20 up to +40	from -20 up to +40 Altitude above sea level [m]				
Relative humidity [%]	up to 95					

ACCESSORY						
Number of terminals or cables	6	Temperature sensors in bearings	2 x PTC (1pc/bearing)			
Cable glands/inlets	2 + 1	Winding heaters	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS
EN 60034-1, EN 60079-0, EN 60079-15, EN 60079-31

CERTIFICATES	
ATEX	

ADDITIONAL INFO						
Ex marking	II 2D,3D Ex t IIIC,IIIB T120°C Db / II 3G ExnA II					
	T4 Gc					

