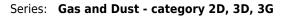


## **MOTOR DATA SHEET**

Motor type: 3Sg160M8B-(2D,3D)





06-06-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	D	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	5.5	7.5	S1	12.8	705	74	2.5	3.1	5.5	81.7	83.1	82.5	0.55	0.68	0.75

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	52			
Frame size	160	Sound power level [dB]	62			
Number of poles	8	Terminal box position	top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	63092Z			
Frequency converter supply	on demand	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	142	Feet - material	cast iron			
Moment of inertia [kgm2]	0.08	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	Altitude above sea level [m]	up to 1000		
Relative humidity [%]	up to 95				

ACCESSORY						
Number of terminals or cables	6	Temperature sensors in bearings	1 x PTC (D-side)			
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 T100°C Db / II 3G ExnA II					
	T5 Gc					

