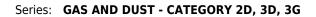


MOTOR DATA SHEET

Motor type: **ExSh90S-4-2GT3_2D**





04-05-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	0	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	1.1	1.5	S1	2.7	1405	7.5	2	2.4	3.7	70.6	73.2	72.9	0.58	0.71	0.80

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	56		
Frame size	90	Sound power level [dB]	66		
Number of poles	4	Terminal box position	top		
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	62052Z		
Frequency converter supply	no	Bearing on ND-side	62052Z		
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no		
Cooling method	IC411	Housing - material	aluminium		
Weight (IMB3) [kg]	12.7	Feet - material	aluminium		
Moment of inertia [kgm2]	0.0027	Bearing shields - material	aluminium		
Direction of rotation	CW/CCW	Painting	RAL5010		
Degree of protection	IP66	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	on demand			
Cable glands/inlets	2	Winding heaters	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS
EN 60034-1, EN 60079-0, EN 60079-7, EN 60079-15, EN 60079-31

CERTIFICATES	
ATEX	

ADDITIONAL INFO				
Ex marking	II 2G Ex eb IIC T3 Gb / II 2D Ex tb IIIC T125°C Db			

