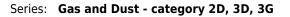


## **MOTOR DATA SHEET**

Motor type: **ExSh90S-4-2GT4\_2D** 





04-06-2025

	ELECTRICAL PARAMETERS																
U	CONN.	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	Y	50	0.8	1.07	S1	2	1435	5.3	2.6	3.1	4.1	71.0	75.1	75.8	0.53	0.66	0.75

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	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	12.7 Feet - material				
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 T4 Gb / II 2D Ex tb IIIC T125°C Db				

