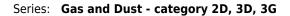


## **MOTOR DATA SHEET**

Motor type: **ExSh90S-6-2GT4\_2D** 





04-06-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	•	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	0.65	0.88	S1	2	935	6.6	2.3	2.6	6.2	65.1	69.9	71.1	0.45	0.57	0.68

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	53			
Frame size	90	Sound power level [dB]	63			
Number of poles	6	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]	12.4	Feet - material	aluminium			
Moment of inertia [kgm2]	0.002	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				

