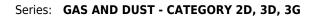


MOTOR DATA SHEET

Motor type: ExSh90L-6-2GT4_2D





05-05-2024

	ELECTRICAL PARAMETERS																
U	CONN.	f	ı	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	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	0.8	1.07	S1	2.6	950	8	3.1	3.3	6.2	66.0	71.7	73.9	0.4	0.52	0.61

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 [kg]	15.5	Feet - material	aluminium			
Moment of inertia [kgm2]	0.0028	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					

