

MOTOR DATA SHEET

Motor type: **ExSh56-4BT4**

Series: Increased safety



01-11-2025

ELECTRICAL PARAMETERS																	
L	CONN.	f		Р	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
ν	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
40) Y	50	0.09	0.12	S1	0.37	1370	0.63	1.9	2.1	2.8	-	-	60.0	-	-	0.59

GENERAL DATA							
Efficiency class	-	Frame size	56				
Number of poles	4	Terminal box position	top				
Starting method	DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	62012Z				
Frequency converter supply	no	Bearing on ND-side	62012Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	3.2	Feet - material	aluminium				
Bearing shields - material	aluminium	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	no			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS
EN 60079-0, EN 60079-31, EN 60079-7

CERTIFICATES	
ATEX	

ADDITIONAL INFO						
tE heating time up to T4 temperature [s]	17	Ex marking	II 2G Ex eb T4 / II 2D Ex tb T125st.C			

