CANTONI MOTOR



MOTOR DATA SHEET

Motor type: **ExSh56-4BT3**

Series: **INCREASED SAFETY**

29-03-2024

ELECTRICAL PARAMETERS

U	*CONN.*	*f*	*P*		*Duty*	*I*	*n*	*T*	*TL/T*	*TB/T*	*IL/I*	*Efficiency at load [%]*			*Power factor at load [-]*		
V	-	*Hz*	*kW*	*HP*	-	*A*	*rpm*	*N*	-	-	-	*2/4*	*3/4*	*4/4*	*2/4*	*3/4*	*4/4*
400	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 [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

Ex marking	II 2G Ex eb T3 / II 2D Ex tb T125st.C	tE heating time up to T3 temperature [s]	64

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