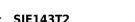


MOTOR DATA SHEET





04-05-2025

Motor type: SIE143T2

Series: NEMA PREMIUM

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	D	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	oad [-]
V	-	Hz	kW	HP	-	А	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	1.1	1.5	cont.	2.1	3540	3	3.5	4.1	9.5	79.8	83.2	84.0	0.57	0.69	0.78

GENERAL DATA						
Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	-			
Frame size	143	Sound power level [dB]	-			
Number of poles	2	Terminal box position	left side			
Starting method	DOL, PWS	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62052ZC3			
Frequency converter supply	on demand	Bearing on ND-side	62052ZC3			
Mounting arrangement	IMB3/IMB35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight [Lbs]	56	Feet - material	cast iron			
Moment of inertia [Lb-Ft2]	0.07	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	Ν			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY							
Number of terminals or cables	12	Temperature sensors in bearings	on demand				
Cable glands/inlets	1	Winding heaters	on demand				
Temperature sensors in winding	on demand	Optional accessories	on demand				

STANDARDS						
NEMA MG-1						
CERTIFICATES						
CSA						

ADDITIONAL INFO							
NEMA design	В	NEMA code letter	М				

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