

## **MOTOR DATA SHEET**

Motor type: **SIE143T4** 

Series: **NEMA PREMIUM** 



04-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	I	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
460	Δ	60	0.75	1	cont.	1.4	1765	4.1	3.5	3.2	9.2	81.3	84.5	85.5	0.57	0.70	0.78

GENERAL DATA						
Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	-			
Frame size	143	Sound power level [dB]	-			
Number of poles	4	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]	53	Feet - material	cast iron			
Moment of inertia [Lb-Ft2]	0.09	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

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				

