



## MOTOR DATA SHEET

Motor type: **SIE145T4B**

Series: **NEMA PREMIUM**

24-02-2026

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	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	1.5	2	cont.	2.6	1745	8.1	3.5	3.4	7.4	85.8	87.1	86.5	0.64	0.77	0.83

GENERAL DATA				
Efficiency class	NEMA PREMIUM		Sound pressure level [dB]	-
Frame size	145		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]	59		Feet - material	cast iron
Moment of inertia [Lb-Ft <sup>2</sup> ]	0.13		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	B	NEMA code letter	J