



## MOTOR DATA SHEET

Motor type: **SIE145T2**

Series: **NEMA PREMIUM**

03-02-2026

### ELECTRICAL PARAMETERS

<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	1.5	2	cont.	2.7	3525	4.1	3.5	4	9.4	83.3	85.7	85.5	0.62	0.75	0.82

### GENERAL DATA

Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	-
Frame size	145	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]	57	Feet - material	cast iron
Moment of inertia [Lb-Ft <sup>2</sup> ]	0.08	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	L
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