



MOTOR DATA SHEET

Motor type: **SIE324T4**

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	30	40	cont.	45	1780	160	2.4	2.7	6.4	94.3	94.7	94.1	0.78	0.86	0.88

GENERAL DATA

Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	66
Frame size	324	Sound power level [dB]	76
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	6312C3
Frequency converter supply	on demand	Bearing on ND-side	6312C3
Mounting arrangement	IMB3/IMB35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight [Lbs]	690	Feet - material	cast iron
Moment of inertia [Lb-Ft ²]	9.3	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	2	Winding heaters	on demand
Temperature sensors in winding	3 x PTC	Optional accessories	on demand

STANDARDS

NEMA MG-1

CERTIFICATES

CSA

ADDITIONAL INFO

NEMA design	B	NEMA code letter	G
-------------	---	------------------	---