

MOTOR DATA SHEET



15-06-2025

Motor type: STe324T4

Series: NEMA Epact

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	D	Duty	I	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power factor at load [-]			
V	-	Hz	kW	HP	-	А	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	30	40	cont.	46.5	1771	161	2.3	2.05	6.2	93.2	93.7	93.0	75.5	84.1	86.1

GENERAL DATA						
Efficiency class	NEMA EPACT	Sound pressure level [dB]	68			
Frame size	324	Sound power level [dB]	78			
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]	558	Feet - material	cast iron			
Moment of inertia [Lb-Ft2]	6.88	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	on demand	Optional accessories	on demand				

STANDARDS						
NEMA MG-1						
CERTIFICATES						
CSA						

ADDITIONAL INFO								
NEMA design	С	NEMA code letter	G					

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