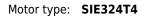


MOTOR DATA SHEET





04-05-2025

Series: **NEMA PREMIUM**

ELECTRICAL PARAMETERS																	
U	CONN.	f	I	P	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at le	oad [-]
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.	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-Ft2]	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						

	ADDITIO		
NEMA design	В	NEMA code letter	G

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