

MOTOR DATA SHEET

Motor type: **SIE364T6**

Series: **NEMA PREMIUM**



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	30	40	cont.	48.5	1192	238.6	1.8	2.1	6	93.5	94.2	94.1	0.68	0.78	0.82

GENERAL DATA					
Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	56		
Frame size	364	Sound power level [dB]	66		
Number of poles	6	Terminal box position	left side		
Starting method	DOL, PWS	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	6313C3		
Frequency converter supply	on demand	Bearing on ND-side	6313C3		
Mounting arrangement	IMB3/IMB35	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight [Lbs]	917	Feet - material	cast iron		
Moment of inertia [Lb-Ft2]	23.1	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	В	NEMA code letter	G		

