

MOTOR DATA SHEET

Motor type: **SIE284TS2**

Series: **NEMA PREMIUM**



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	Þ	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	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	18.5	25	cont.	29.5	3555	50	3.5	3	1	91.3	92.4	92.4	0.74	0.82	0.86

GENERAL DATA						
Efficiency class	NEMA PREMIUM	Sound pressure level [dB]	-			
Frame size	284	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	63112ZC3			
Frequency converter supply	on demand	Bearing on ND-side	63112ZC3			
Mounting arrangement	IMB3/IMB35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight [Lbs]	348	Feet - material	cast iron			
Moment of inertia [Lb-Ft2]	1.72	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	А	NEMA code letter	Н			

