



MOTOR DATA SHEET

Motor type: **STe447TSB**

Series: **NEMA EPACT**

14-05-2024

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
460	Δ	60	185	250	cont.	264	3571	499	2.2	2.25	6.9	95.2	95.5	95.4	88	92	93

GENERAL DATA

Efficiency class	NEMA EPACT	Sound pressure level [dB]	84
Frame size	447	Sound power level [dB]	94
Number of poles	2	Terminal box position	left side
Starting method	DOL, PWS	Possibility of terminal box rotation	yes
Insulation class	H	Bearing on D-side	6315C3
Frequency converter supply	on demand	Bearing on ND-side	6315C3
Mounting arrangement	IMB3/IMB35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight [Lbs]	1755	Feet - material	cast iron
Moment of inertia [Lb-Ft2]	39.4	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	C	NEMA code letter	G
-------------	---	------------------	---