



PART Nr. / NUMERO DE PARTE: 1LE21211AB313EA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Y

ABB								IE3	
TYPE:	GP100A	PART Nr:	1LE21211AB313EA3	145TC	IP 55	3PH	TEFC	NEMA B	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	25BC02JPP3		INSUL. CL:	F	KVA:	M	WEIGHT	49 lbs.	
O.D.E.	25BC02JPP3		AMB. TEMP.:	40°C	T.RISE:	CLASS B		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
1.5	1.119	1740	575	1.7	60	1.15	2	86.5	85.5
CONNECTION									
VFD COMPATIBLE AT 1.0 S.F. 20:1 V.T., 4:1 C.T.									
Made in Mexico by ABB NEMA MOTORS									

**Actual nameplate will include certification marks for ex: UR, DOE, CE, CSA, NEMA PREMIUM, etc.

**La placa de datos del motor incluye logos de certificación, por ejemplo: UR, DOE, CE, CSA, NEMA PREMIUM, etc.



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Data sheet for three-phase Squirrel-Cage-Motors / Hoja de datos de Motores Trifásicos Jaula de Ardilla

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque	T _A /T _N	T _K /T _N
						4/4	3/4	1/2	0	LRC	4/4	3/4	1/2	4/4	3/4	1/2	[lb-ft]	LRT [%]	BDT [%]
575.0	Y	60.0	1.5	1.1	1740.0	1.7	1.4	1.1	0.9	15.2	86.5	87.0	85.8	77.3	71.8	58.5	4.5	330.0	420.0
Frame 145TC		Type of constr.: C - FLANGE WHIT FEET			CONTINUOUS DUTY			INSUL. CL: F		WHITOUT WINDING PROTECTION			NEMA B		S.F. 1.15				
Mtr WT: 49 lbs.		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE			T.RISE: CLASS B			AMB. TEMP.: 40°C			KVA: M		IP 55						

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia: 0.1781 lb-ft²

Ext Load Inertia Capability: 8.6 lb-ft²

Safe Stall Time

Hot: 15 Sec

Cold: 21 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 50 dB(A)

Sound Power: 62 dB(A)

Octave Band Center Frequencies Hertz: This values are for the standard bearing configuration.

	250	500	1000	2000	4000	8000	Hz
SPL@3 feet	37	40	49	45	37	31	dB(A)

Bearings / Baleros

	DE	NDE
Bearing size:	25BC02JPP3	25BC02JPP3

Ventilation Type / Tipo de Ventilación

Type of Cooling: TEFC Fan Material: Polypropylen

Fan Rotation: Bidirectional

Grease / Grasa

Type: Mobil Polyrex

Thickener: Polyurea (Standard)

Frame / Armazón

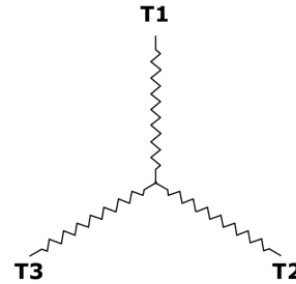
Frame material: Cast Iron

Coating (paint finish): Standard Alkyed + Epoxy (C2)

Color, paint shade: Dark Charcoal Gray Metallic

Terminal box / Caja de Terminales

Terminal box position: Conduit Box (Entry from feet)



3 LEAD - WYE

LINES			CONN.
L1	L2	L3	
T1	T2	T3	Y

Wiring diagram

Additional information.

VFD Operation (V.T.):	20:1
VFD Operation (C.T.):	4:1
Area Classification:	--
Hazardouz Classification:	--
Hazardouz Classification:	--
Temp. Code:	--