



PART Nr. / NUMERO DE PARTE: 1LE21211AA313AA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Y

ABB								IE3	
TYPE:	GP100A	PART Nr:	1LE21211AA313AA3	145T	IP 55	3PH	TEFC	NEMA B	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	25BC02JPP3		INSUL. CL:	F	KVA:	L	WEIGHT	44 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. %
2	1.492	3515	575	2	60	1.15	2.3	85.5	84
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			n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque	T _A /T _N	T _K /T _N
			[HP]	[kW]	[rpm]		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	2.0	1.5	3515.0	2.0	1.6	1.3	1.0	18.4	85.5	85.7	84.0	87.6	81.3	69.0	2.9	250.0	420.0	
Frame 145T		Type of constr.: FOOT MOUNTED		CONTINUOUS DUTY		INSUL. CL: F		WHITOUT WINDING PROTECTION		NEMA B	S.F. 1.15									
Mtr WT: 44 lbs.		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE		T.RISE: CLASS B		AMB. TEMP.: 40°C		KVA: L		IP 55										

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia: 0.0626 lb-ft²

Ext Load Inertia Capability: 2.4 lb-ft²

Safe Stall Time

Hot: 13 Sec

Cold: 18 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 64 dB(A)

Sound Power: 76 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	44	52	62	59	54	46	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

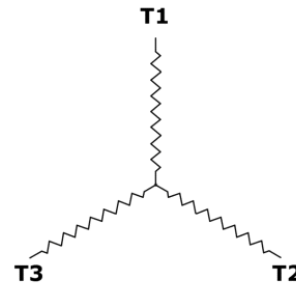
Frame material: Cast Iron

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:	--