



PART Nr. / NUMERO DE PARTE: 1LE21212BA113AA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Y

ABB								IE3	
TYPE:	GP100A	PART Nr:	1LE21212BA113AA3	254T	IP 55	3PH	TEFC	NEMA B	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	45BC02JPP3		INSUL. CL:	F	KVA:	G	WEIGHT	218 lbs.	
O.D.E.	45BC02JPP3		AMB. TEMP.:	40°C	T.RISE:	CLASS B		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
15	11.19	3530	575	14	60	1.15	16.1	91	89.5
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]					LRC	Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T <sub>A</sub> /T <sub>N</sub> LRT [%]	T <sub>K</sub> /T <sub>N</sub> BDT [%]
						4/4	3/4	1/2	0	4/4		3/4	1/2	4/4	3/4	1/2				
575.0	Y	60.0	15.0	11.2	3530.0	14.0	10.6	7.7	4.1	92.8	91.0	91.3	90.7	88.2	87.4	80.6	22.0	210.0	260.0	
Frame 254T		Type of constr.: FOOT MOUNTED		CONTINUOUS DUTY		INSUL. CL: F		WHITOUT WINDING PROTECTION		NEMA B		S.F. 1.15								
Mtr WT: 218 lbs.		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE		T.RISE: CLASS B		AMB. TEMP.: 40°C		KVA: G		IP 55										

**Mechanical data / Datos Mecánicos**

**WK2**

Rotor Moment of Inertia: 1.1315 lb-ft<sup>2</sup>

Ext Load Inertia Capability: 16 lb-ft<sup>2</sup>

**Safe Stall Time**

Hot: 24 Sec

Cold: 48 Sec

**Typical Noise Data**

**A-weighted Sound**

Sound Pressure: 70 dB(A)

Sound Power: 79 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	60	73	72	75	69	56	dB(A)

**Bearings / Baleros**

	DE	NDE
Bearing size:	45BC02JPP3	45BC02JPP3

**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**

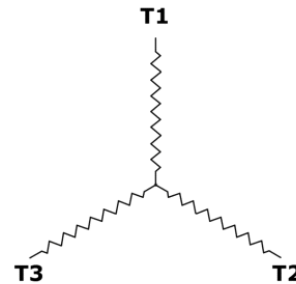
Frame material: Cast Iron

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:	--