



PART Nr. / NUMERO DE PARTE: 1LE21212AA213EA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Y

ABB								IE3	
TYPE:	GP100A	PART Nr:	1LE21212AA213EA3	215TC	IP 55	3PH	TEFC	NEMA B	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	40BC02JPP3		INSUL. CL:	F	KVA:	H	WEIGHT	134 lbs.	
O.D.E.	40BC02JPP3		AMB. TEMP.:	40°C	T.RISE:	CLASS B		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
10	7.46	3515	575	9.2	60	1.15	10.6	90.2	88.5
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			n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque	T <sub>A</sub> /T <sub>N</sub>	T <sub>K</sub> /T <sub>N</sub>
			[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	10.0	7.5	3515.0	9.2	7.0	5.1	2.8	64.8	90.2	91.1	91.0	90.3	88.8	81.5	15.0	180.0	440.0	
Frame 215TC			Type of constr.: C - FLANGE WHIT FEET			CONTINUOUS DUTY			INSUL. CL: F			WHITOUT WINDING PROTECTION			NEMA B		S.F. 1.15			
Mtr WT: 134 lbs.			Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE			T.RISE: CLASS B			AMB. TEMP.: 40°C			KVA: H		IP 55						

**Mechanical data / Datos Mecánicos**

**WK2**

Rotor Moment of Inertia: 0.5128 lb-ft<sup>2</sup>

Ext Load Inertia Capability: 11 lb-ft<sup>2</sup>

**Safe Stall Time**

Hot: 14 Sec

Cold: 28 Sec

**Typical Noise Data**

**A-weighted Sound**

Sound Pressure: 66 dB(A)

Sound Power: 78 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	53	55	63	62	58	47	dB(A)

**Bearings / Baleros**

	DE	NDE
Bearing size:	40BC02JPP3	40BC02JPP3

**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**

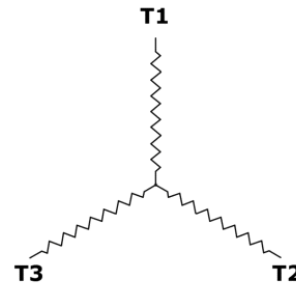
Frame material: Cast Iron

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:	--