



PART Nr. / NUMERO DE PARTE: 1LE21212AB114EA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: YY-Y

ABB								IE3	
TYPE:	GP100A	PART Nr:	1LE21212AB114EA3	213TC	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. %
7.5	5.595	1765	230/460	19.5/9.7	60	1.15	21.9/11.2	91.7	90.2
5	3.73	1473	200/400	14.9/7.4	50	1.15	17.1/8.5	88.4	--
CONNECTION									
VFD COMPATIBLE AT 1.0 S.F. 20:1 V.T., 4:1 C.T.									
Low Voltage					High Voltage				
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.



Part Nr. 1LE21212AB114EA3

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 [%]
230/460	YY / Y	60.0	7.5	5.6	1765.0	19.5/9.7	15.9/8	12.8/6.4	10/5	126/63	91.7	91.7	90.7	78.9	72.3	60.5	22.0	270.0	450.0
200/400	YY / Y	50.0	5.0	3.7	1473.0	14.9/7.4	12.4/6.2	10.3/5.2	8.2/4.1	134/67	88.4	88.2	86.8	78.6	70.8	57.6	17.8	287.0	341.0
Frame 213TC			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: 0.803 lb-ft²

Ext Load Inertia Capability: 39 lb-ft²

Safe Stall Time

Hot: 25 Sec

Cold: 42 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 57 dB(A)

Sound Power: 69 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	44	54	53	44	35	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

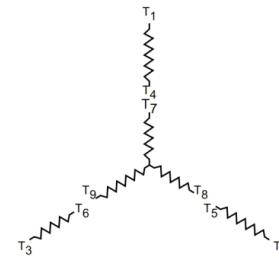
Frame material: Cast Iron

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 PHASE - 9 LEAD - WYE

VOLTS	LINES			CONNECTED TOGETHER	CONN.
	L1	L2	L3		
LOW	T ₁ T ₇	T ₂ T ₈	T ₃ T ₉	T ₄ T ₅ T ₆	YY
HIGH	T ₁	T ₂	T ₃	T ₄ T ₇ -T ₅ T ₈ -T ₆ T ₉	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:	--