



PART Nr. / NUMERO DE PARTE: 1LE21211AB214EA3

TYPE / TIPO: GP100A

PHASE / FASES: 3

CONNECTION / CONECCIÓN: YY-Y

ABB

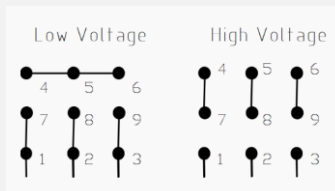
IE3

TYPE: GP100A | PART Nr: 1LE21211AB214EA3 | 143TC | IP 55 | 3 PH | TEFC | NEMA B

BEARINGS			SERIAL Nr.					CONTINUOUS DUTY	
D.E.	25BC02JPP3		INSUL. CL:	F	kVA CODE:	M	WEIGHT:	42 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. %
1.00	0.746	1 755	230/460	2.8/1.4	60	1.15	3.2/1.6	85.5	82.5
0.75	0.560	1 463	200/400	2.5/1.3	50	1.15	2.9/1.4	80.8	--

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 [lb-ft]	T _A /T _N LRT [%]	T _R /T _N BDT [%]
						4/4	3/4	1/2	0	LRC	4/4	3/4	1/2	4/4	3/4	1/2			
230/460	YY / Y	60.0	1.00	0.75	1 755	2.8/1.4	2.3/1.2	1.9/1	1.6/0.8	26/13	85.5	85.4	83.4	78.2	71.5	58.4	3.0	295.0	380.0
200/400	YY / Y	50.0	0.75	0.56	1 463	2.5/1.3	2.2/1.1	1.9/0.9	1.6/0.8	23.8/11.9	80.8	80.3	77.8	74.7	65.2	51.3	2.7	378.4	543.4
Frame		143TC	Type of constr.: C - FLANGE WITH FEET			CONTINUOUS DUTY						INSUL. CL: F			NEMA B	S.F. 1.15			
Mtr. WT:		42 lbs.	Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE			T.RISE: CLASS B						AMB. TEMP: 40°C			kVA CODE: M	IP 55			
WITHOUT WINDING PROTECTION																			

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia:	0.1535	lb-ft ²
Ext Load Inertia Capability:	5.8	lb-ft ²

Safe Stall Time

Hot:	18 Sec
Cold:	26 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 (AFBMA):	25BC02JPP3	25BC02JPP3
Bearing size STD:	6205 ZZ C3 S0	6205 ZZ C3 S0

Ventilation Type / Tipo de Ventilación

Type of Cooling:	TEFC	Fan Material:	Polypropylen
Fan Rotation:	Bidirectional		

Grease / Grasa

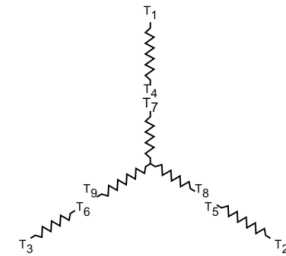
Type:	Mobil Polyrex
Thickener:	Polyurea (Standard)

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)
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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:	--