



PART Nr. / NUMERO DE PARTE: 1LE22214AB212AA3

TYPE / TIPO: GP100

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Δ



TYPE: GP100 | PART Nr: 1LE22214AB212AA3 | 405T | IP 55 | 3 PH | TEFC | NEMA B

BEARINGS			SERIAL Nr.					CONTINUOUS DUTY	
D.E.	80BC03JP3		INSUL. CL:	F	kVA CODE:	G	WEIGHT:	1131 lbs.	
O.D.E.	70BC02JPP3		AMB. TEMP:	40°C	T.RISE:	CLASS B		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
100.00	74.600	1 780	460	113.0	60	1.15	130.0	95.4	95.0
75.00	55.950	1 489	400	98.0	50	1.15	112.7	94.6	--

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			
460.0	Δ	60.0	100.00	74.60	1780	113.0	85.2	61.2	30.0	725.0	95.4	96.0	95.8	87.0	86.0	80.0	295.0	180.0	200.0
400.0	Δ	50.0	75.00	55.95	1489	98.0	75.0	55.9	34.0	740.0	94.6	95.1	94.9	84.9	82.7	74.3	260.2	226.0	303.0
Frame 405T		Type of constr.: FOOT MOUNTED		CONTINUOUS DUTY			INSUL. CL: F		NEMA B		S.F. 1.15								
Mtr. WT: 1131 lbs.		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE		T.RISE: CLASS B			AMB. TEMP: 40°C		kVA CODE: G		IP 55								
WITHOUT WINDING PROTECTION																			

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia:	23.4	lb-ft ²
Ext Load Inertia Capability:	441	lb-ft ²

Safe Stall Time

Hot:	25 Sec
Cold:	35 Sec

Typical Noise Data

A-weighted Sound	
Sound Pressure:	67 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	66	76	73	70	65	51	dB(A)

Bearings / Baleros

	DE	NDE
Bearing (AFBMA):	80BC03JP3	70BC02JPP3
Bearing size STD:	6316 Z C3	6214 ZZ C3 S0

Ventilation Type / Tipo de Ventilación

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

Grease / Grasa

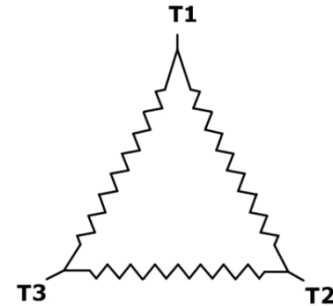
Type:	Mobil Polyrex
Thickener:	Polyurea (Standard)

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 LEAD - DELTA

LINES			CONN.
L1	L2	L3	
T1	T2	T3	Δ

Wiring diagram

Additional information.

VFD Operation (V.T.):	20:1
VFD Operation (C.T.):	4:1
Area Classification:	--
Hazardouz Classification:	--
Hazardouz Classification:	--
Temp. Code:	--