



PART Nr. / NUMERO DE PARTE: 1LE23212AC113AA3

TYPE / TIPO: SD100

PHASE / FASES: 3

CONNECTION / CONECCIÓN: Y

ABB								IE3	
TYPE:	SD100	PART Nr:	1LE23212AC113AA3	213T	IP 55	3PH	TEFC	NEMA B	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	40BC02JP3		INSUL. CL:	F	KVA:	K	WEIGHT	168 lbs.	
O.D.E.	40BC02JP3		AMB. TEMP.:	40°C	T.RISE:	CLASS B		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
3	2.238	1175	575	3.4	60	1.15	3.9	89.5	87.5
CONNECTION									
VFD COMPATIBLE							Class I Div. 2 GR A, B, C or D T3		
AT 1.0 S.F. 20:1 V.T., 4:1 C.T.							Class I Zone 2 GR IIA, IIB or IIC T3		
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 _K /T _N BDT [%]
						4/4	3/4	1/2	0	LRC	4/4	3/4	1/2	4/4	3/4	1/2			
575.0	Y	60.0	3.0	2.2	1175.0	3.4	2.9	2.5	2.0	25.6	89.5	89.3	87.8	73.0	65.4	52.1	13.4	265.0	470.0
Frame 213T		Type of constr.: FOOT MOUNTED		CONTINUOUS DUTY		INSUL. CL: F		WHITOUT WINDING PROTECTION		NEMA B		S.F. 1.15							
Mtr WT: 168 lbs.		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE		T.RISE: CLASS B		AMB. TEMP.: 40°C		KVA: K		IP 55									

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia: 0.604 lb-ft²

Ext Load Inertia Capability: 44 lb-ft²

Safe Stall Time

Hot: 23 Sec

Cold: 35 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 64 dB(A)

Sound Power: 71 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	42	52	64	54	47	34	dB(A)

Bearings / Baleros

	DE	NDE
Bearing size:	40BC02JP3	40BC02JP3

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

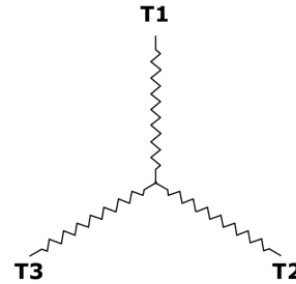
Frame material: Cast Iron

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)



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:	Class I Division 2 Gr. A, B, C or D
Hazardouz Classification:	Class I Zone 2 GR IIA, IIB or IIC T3
Hazardouz Classification:	Class I Zone 2 GR IIA, IIB or IIC T3
Temp. Code:	T3