


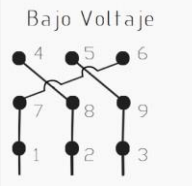
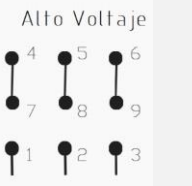


PART Nr. / NUMERO DE PARTE: 1LE23212DA116AA3

TYPE / TIPO: SD100

PHASE / FASES: 3

CONNECTION / CONECCIÓN: $\Delta\Delta\text{-}\Delta$

										
TIPO:	SD100	No. PARTE:	1LE23212DA116AA3	284TS	IP 55	3PH	TCVE	NEMA B		
BALEROS			No. SERIE:				SERVICIO CONTINUO			
L. EJE	6310 Z C3		AI SL. CLASE:	F	L. COD. KVA:	G	PESO:	185 kg		
L. VENT	6310 Z C3		TEMP. AMB.:	40°C	INC. TEMP:	90°C @ F.S. 1.0		EFICIENCIA		
CP	kW	min ⁻¹	V	A	Hz	F.S.	A.F.S.	η nom %	η min %	
25	18.65	3 525	230/460	60.0/30.0	60	1.15	69.0/34.5	91.7	91	
CONEXIÓN										
COMPATIBLE USO VDF A 1.0 FS 20:1 T.V., 4:1 T.C. LUBRICAR SEGUN INSTRUCTIVO NOM-016-ENER-2016			Bajo Voltaje 			Alto Voltaje 			COD. TEMP: T3 CLASE I, DIVISION 2 GR. A, B, C o D COD. TEMP: T3C CLASE II, DIVISION 2 GR. F o G	
			Hecho en México por 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. 1LE23212DA116AA3

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			
230/460	$\Delta\Delta / \Delta$	60.0	25.0	18.7	3 525	58/29	44.9/22.4	31.8/15.9	16/8	366/183	91.7	92.2	92.0	88.0	85.0	80.0	37.0	160.0	250.0
Frame 284TS		Type of constr.: FOOT MOUNTED		SERVICIO CONTINUO		AISL.CLASE: F		WHITOUT WINDING PROTECTION		NEMA B		F.S. 1.15							
Mtr WT: 185 kg		Mounting: MOUNTING - F 1 & W-6 FOR VERTICAL MOTORS P-BASE		INC.TEMP: 90°C @ F.S. 1.0		TEMP. AMB.: 40°C		L.COD.K VA: G		IP 55									

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia: 1.45 lb-ft²

Ext Load Inertia Capability: 26 lb-ft²

Safe Stall Time

Hot: 16 Sec

Cold: 30 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 72 dB(A)

Sound Power: 83 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	57	65	64	69	65	54	dB(A)

Bearings / Baleros

	DE	NDE
Bearing size:	6310 Z C3	6310 Z C3

Ventilation Type / Tipo de Ventilación

Type of Cooling: TCVE Fan Material: Polypropylen ESD

Fan Rotation: Bidirectional

Grease / Grasa

Type: Mobil Polyrex

Thickener: Polyurea (Standard)

Frame / Armazón

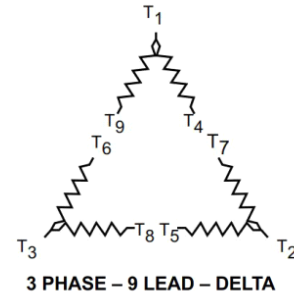
Frame material: Cast Iron

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)



VOLTS	LINES			CONNECTED TOGETHER	CONN.
	L1	L2	L3		
LOW	T ₁ T ₆ T ₇	T ₂ T ₄ T ₈	T ₃ T ₅ T ₉		$\Delta\Delta$
HIGH	T ₁	T ₂	T ₃	T ₄ T ₇ - T ₅ T ₈ - T ₆ T ₉	Δ

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