



PART Nr. / NUMERO DE PARTE: 1LE22252AB114AA3

TYPE / TIPO: GP100

PHASE / FASES: 3

CONNECTION / CONECCIÓN: YY-Y

ABB									
TIPO:	GP100	No. PARTE:	1LE22252AB114AA3	213T	IP 55	3PH	TCVE	NEMA B	
BALEROS			No. SERIE:				SERVICIO CONTINUO		
L. EJE	6208 ZZ C3		AI SL. CLASE:	F	L. COD. KVA:	H	PESO:	77 kg	
L. VENT	6208 ZZ 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 %
7.5	5.6	1 765	230/460	19.5/9.7	60	1.15	22.5/11.0	91.7	90.2
CONEXIÓN									
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Bajo Voltaje</p> </div> <div style="text-align: center;"> <p>Alto Voltaje</p> </div> </div>									
COMPATIBLE USO VDF A 1.0 F.S. 20:1 T.V., 4:1 T.C. LUBRICAR SEGUN INSTRUCTIVO									
NOM-016-ENER-2016									
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.



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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	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	19/9.5	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
Frame 213T		Type of constr.: FOOT MOUNTED			SERVICIO CONTINUO		AISL.CLASE: F		WHITOUT WINDING PROTECTION			NEMA B		F.S. 1.15					
Mtr WT: 77 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: H		IP 55						

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia:	0.803	lb-ft ²
Ext Load Inertia Capability:	39	lb-ft ²

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:	6208 ZZ C3	6208 ZZ C3

Ventilation Type / Tipo de Ventilación

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

Grease / Grasa

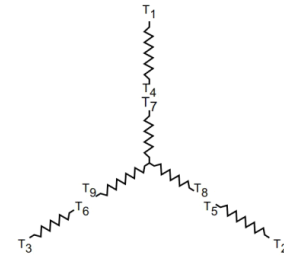
Type:	Mobil Polyrex
Thickener:	Polyurea (Standard)

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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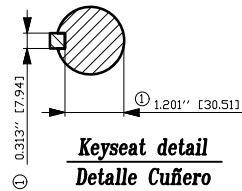
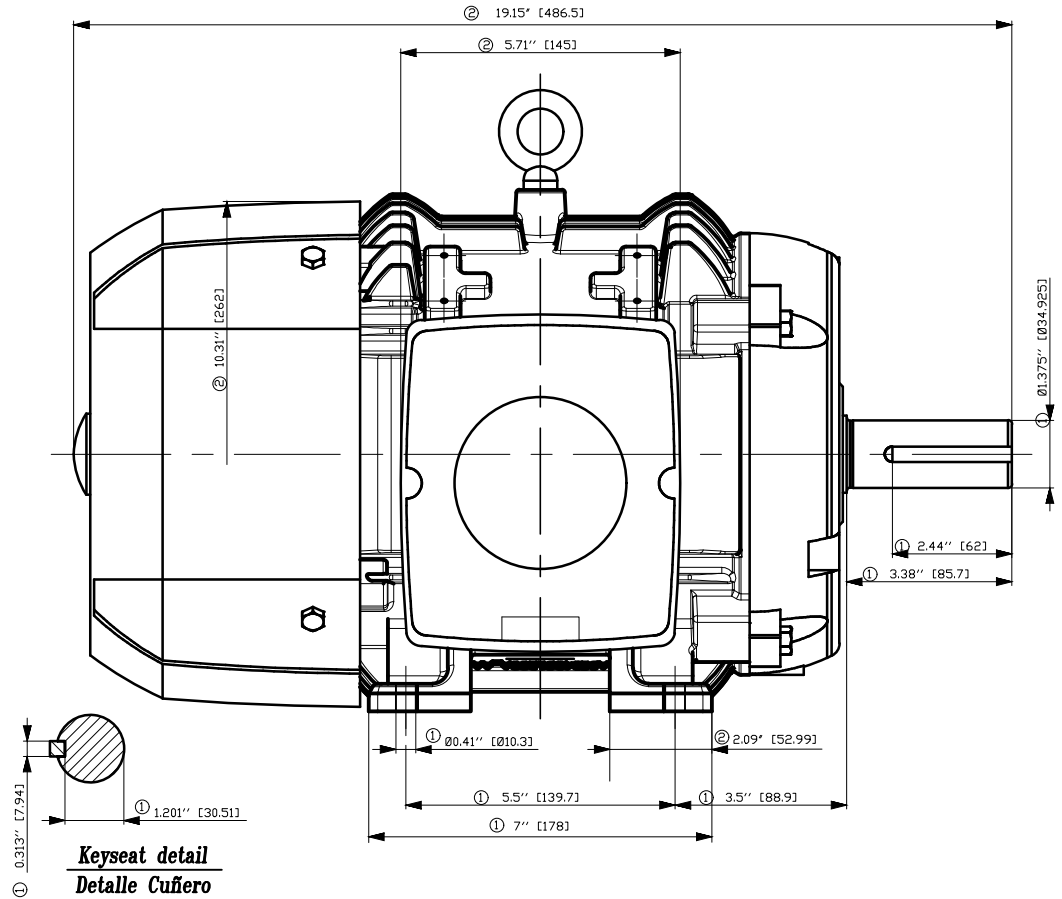
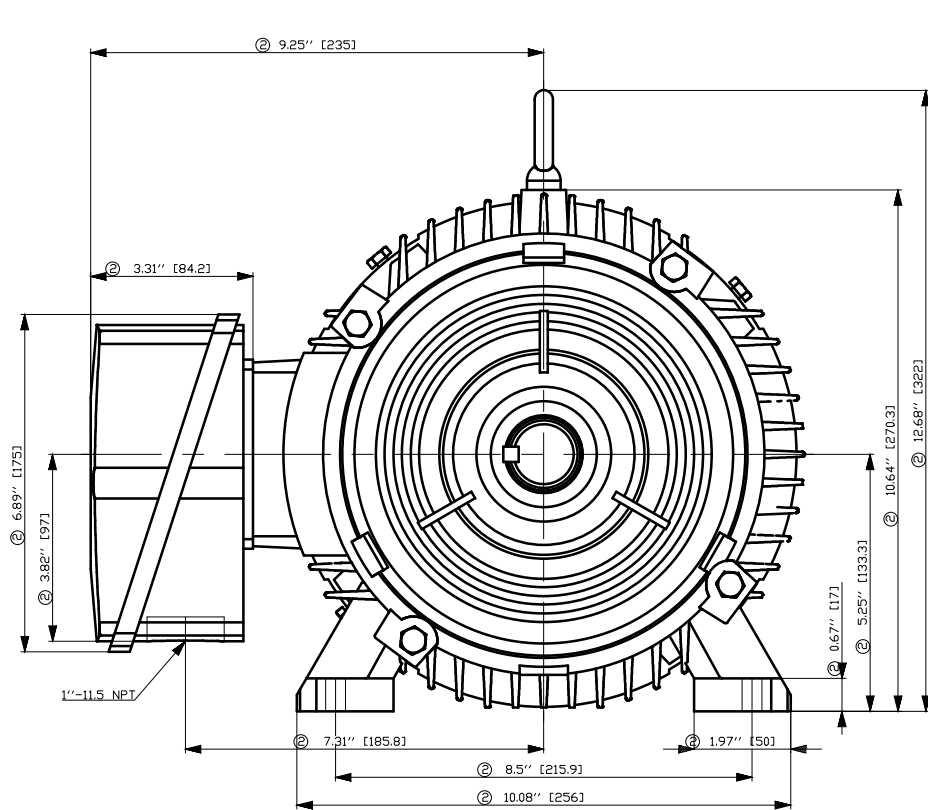
3 PHASE - 9 LEAD - WYE

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:	--



- ① Tolerances according to NEMA std.
- ② All these dimensions corresponding to assemblies and castings shall have a tolerance as per DIN standard 1686-GTB 19.
- ③ Not according to NEMA std.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

J21LY-000-062

REV. DESC: NEW DRAWING FOR J21LY-000-062		
REV. LTR: -	VERSION: AA	TDR: 1220567
REF: J21LY-000-034	REVISED: 04/12/2023	BY: MXALROD19
MTL: -		

ABB

GP100 213/215T (SHORT YOKE) (D14: A)
GP100 213/215T (CARC. CORTA) (D14: A)