



PART Nr. / NUMERO DE PARTE: 1PC65254SB112AA1

TYPE / TIPO: DP200 CRUSH+

PHASE / FASES: 3

CONNECTION / CONECCIÓN:  $\Delta\Delta$

<b>ABB</b>								<b>IE3</b>	
TYPE: DP200 CRUSH+		PART Nr: 1PC65254SB112AA1		R444T	IP 65	3PH	TEFC	NEMA A	
BEARINGS			SERIAL Nr.				CONTINUOUS DUTY		
D.E.	100RU03M0		INSUL. CL:	H	KVA:	H	WEIGHT	1347 lbs.	
O.D.E.	75BC03JP3		AMB. TEMP.:	40°C	T.RISE:	80°C @ S.F. 1.0		EFFICIENCY	
HP	kW	R.P.M.	V	A	Hz	S.F.	S.F.A.	NOM. %	MIN. %
125	93.3	1788	460	164.0	60	1.15	189	95.4	95.0
-	75.0	1491	400	162.9	50	1.15	187.3	95.0	94.5
<b>CONNECTION</b>									
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			
GREASE: POLYUREA BASE						Class II Div. 2 GR F OR G T3C			
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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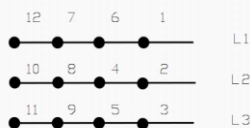
CONNECTION / CONECCIÓN:  $\Delta\Delta$



TIPO: DP200 CRUSH+		No. PARTE: 1PC65254SB112AA1		R444T	IP 65	3PH	TCVE	NEMA A	
BALEROS			No. SERIE:				SERVICIO CONTINUO		
L. EJE	NU320		AISL.CLASE:	H	L.COD.KVA:	H	PESO:	611 kg	
L. VENT	6315 Z C3 S0		TEMP. AMB.:	40°C	INC.TEMP:	80 @ F.S. 1.0		EFICIENCIA	
CP	kW	min <sup>-1</sup>	V	A	Hz	F.S.	A.F.S.	$\eta$ nom %	$\eta$ min %
125	93.3	1 788	460	164.0	60	1.15	189	95.4	95.0
-	75.0	1 491	400	162.9	50	1.15	187.3	95.0	94.5

**CONEXIÓN**

COMPATIBLE USO VDF  
A 1.0 F.S. 20:1 T.V., 4:1 T.C.  
LUBRICAR SEGÚN INSTRUCTIVO  
NOM-016-ENER-2016



Clase I Div. 2 Gpo A, B, C o D T3  
Clase I Zona 2 Gpo IIA, IIB o IIC T3  
Clase II Div. 2 Gpo F O G T3C

Hecho en México por ABB NEMA MOTORS

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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 <sub>A</sub> /T <sub>N</sub> LRT [%]	T <sub>R</sub> /T <sub>N</sub> BDT [%]
						4/4	3/4	1/2	0	LRC	4/4	3/4	1/2	4/4	3/4	1/2			
460.0	ΔΔ	60.0	125.0	93.3	1788.0	164.0	134.0	109.0	85.0	1062.0	95.4	95.6	95.4	74.6	68.4	56.4	367.0	235.0	340.0
400.0	ΔΔ	50.0	-	75.0	1491.0	162.9	136.8	115.7	96.5	1148.0	95.0	94.8	93.6	69.7	62.4	49.8	354.3	320.0	430.0
Frame R444T			Type of constr.: FOOT MOUNTED (HORIZONTAL IMB3 - F1 / F2 / F3)			CONTINUOUS DUTY			INSUL. CL: H			WHITOUT WINDING PROTECTION			NEMA A		S.F. 1.15		
Mtr WT: 1347 lbs.			Mounting: LHS MOUNT - VIEW FROM DE (F 1) - MOUNTED ON DRIVE END OR CENTER OF MOTOR			T.RISE: 80°C @ S.F. 1.0			AMB. TEMP.: 40°C			KVA: H		IP 65					

**Mechanical data / Datos Mecánicos**

**WK2**

Rotor Moment of Inertia: 37 lb-ft<sup>2</sup>

Ext Load Inertia Capability: 542 lb-ft<sup>2</sup>

**Safe Stall Time**

Hot: 20 Sec

Cold: 25 Sec

**Typical Noise Data**

**A-weighted Sound**

Sound Pressure: 82 dB(A)

Sound Power: 94 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	71	78	78	74	67	60	dB(A)

**Bearings / Baleros**

	DE	NDE
Bearing size:	100RU03M0	75BC03JP3

**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**

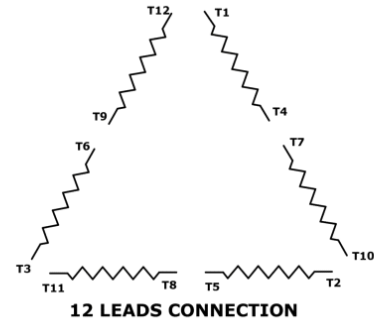
Frame material: Cast Iron

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)



LINES	CONNECT TOGETHER	CONN.
L1	T12 - T7 - T6 - T1	△△
L2	T10 - T8 - T4 - T2	
L3	T11 - T9 - T5 - T3	

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