

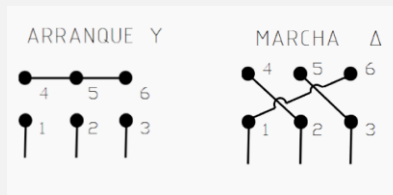


PART Nr. / NUMERO DE PARTE: 1PC28254QB765UA4
 TYPE / TIPO: HS100
 PHASE / FASES: 3
 CONECTION / CONECCIÓN: Δ



TIPO: HS100			No. PARTE: 1PC28254QB765UA4		449TP	IP 23	3 F	APG	NEMA A
BALEROS			No. SERIE.				SERVICIO CONTINUO		
L. EJE	6319 C3		AISSL.CLASE:	F	L.COD.KVA:	H	PESO:	1019 kg.	
L. VENT	7322 BG		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. %
300.00	223.80	1 785	460	338.0	60	1.15	389.0	96.2	95.4

CONEXIÓN



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.



Part Nr. 1PC28254QB765UA4

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_R/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			
460.0	Δ	60.0	300.00	223.8	1785	338.0	263.0	195.0	114.0	2400.0	96.2	96.3	96.1	86.0	83.0	75.0	882.0	140.0	200.0
Frame 449TP		Type of constr.: P - FLANGE; DOUBLE THRUST BEARING				CONTINUOUS DUTY			INSUL. CL: F			NEMA A	S.F. 1.15						
Mtr. WT: 2246 lbs.		Mounting: MOUNTING - W 6				T.RISE: 90°C @ S.F.1.0			AMB. TEMP: 40°C			kVA CODE: H	IP 23						
WHITOUT WINDING PROTECTION																			

Mechanical data / Datos Mecánicos

WK2

Rotor Moment of Inertia: 69.5 lb-ft²

Ext Load Inertia Capability: lb-ft²

Safe Stall Time

Hot: 22 Sec

Cold: 30 Sec

Typical Noise Data

A-weighted Sound

Sound Pressure: 84 dB(A)

Sound Power: 95 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	73	79	79	75	67	58	dB(A)

Bearings / Baleros

DE

NDE

Bearing (AFBMA): 95BC030 110BT03M

Bearing size STD: 6319 C3 7322 BG

Ventilation Type / Tipo de Ventilación

Type of Cooling: ODP Fan Material: Cast Iron

Fan Rotation: Unidirectional

Grease / Grasa

Type: Mobil Polyrex

Thickener: Polyurea (Standard)

Frame / Armazón

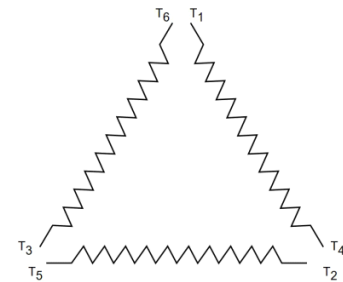
Frame material: Cast iron

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)



6 LEAD WYE DELTA START

	LINES			CONNECTED TOGETHER	CONN.
	L1	L2	L3		
START	T ₁	T ₂	T ₃	T ₄ T ₅ T ₆	Y
RUN	T ₁ T ₆	T ₂ T ₄	T ₃ T ₅		Δ

Wiring diagram

Additional information.

VFD Operation (V.T.): --

VFD Operation (C.T.): --

Area Classification: --

Hazardouz Classification: --

Hazardouz Classification: --

Temp. Code: --