

SPECIFICATION TABLE OF 3-PHASE SQUIRREL CAGE INDUCTION MOTOR	CUSTOMER	TWMC	USER	0F36-I
	INQ. NO.		EQUIPMENT	
	JOB NO.	FD094211T1,FD103212T1	MACHINE	
	TOTAL SETS	11	ITEM NO.	

Item	Terms	Description				
1	Model	ANZA-S2				
2	Code or Standard	Dimensions	Frame Assignment	Performance	Test	
		IEC	TWMC	API	API	
3	Rating	4000 HP 4 Pole 4000 Volt 3 Phase 60 Hz				
4	Service Duty	Continuous Rating				
5	Starting Method	D.O.L. or 80% R.V.S.				
6	Rotation	Facing The Drive End : CCW, Available for Bi-Direction				
7	Drive Method	Direct Coupling				
8	Environment	Amb. Temp. : -10 ~ 40 °C				
		Humidity : Less Than 90 %RH				
		Altitude : Up to 3380 FT				
9	Enclosure & Protection	WP11 : NEMA Weather Protected Type II		Outdoor		
10	Cooling	IC01 : Self Ventilated Interior Fan Cooling				
11	Mounting	IM1001 : HS, Foot				
12	Dimensions	Dr# 3A040K902 (REV.03)		Frame No : 5014D		
13	Frame & Bracket	Frame : Steel Plate		Bracket : Steel Plate		
14	Fan & Fan Cover	Fan :---		Fan Cover :---		
15	Terminal Box	Steel Plate				
16	Lead Terminals	TLK(95-16)X2X6				
17	Lubrication	Oil Viscosity : ISO VG32				
18	Painting	Color : MUNSELL 7.5B 3.5/0.5				
19	Stator Winding	Ins. Class F				
20	Rotor Conductor	Cu-Alloy				
21	Starting Performance	LRC ≤ 2928 Amp		LRT/FLT	103 %	
22	Operating Performance	Hz/V	60/4000			Break Down Torque 259 %FLT
		%Load	100	75	50	
		Amp.	496	375	262	
		Eff.%	96.21	96.71	96.88	Temp. Rise Limit. (RTD) Stator 80 °C
		P.F.%	90.21	89.12	84.86	
		R.P.M.	1771	1779	1786	
23	Note	<p>1. With Space Heater : Rated: 1φ 240V 2000W. Operation: 1φ 120V 500W.</p> <p>2. With Winding RTD : PT 100Ω/0°C , 6pcs.</p> <p>3. With Bearing RTD : PT 100Ω/0°C , 2pcs. Setting: Alarm: 95°C ; Trip: 100°C .</p> <p>4. With Constant Level Oiler : Trico 8 oz, 2pcs.</p> <p>5. With Differential Pressure Switch: Dwyer 1950-0, 1pcs.</p> <p>6. With Removable & Washable Stainless Air Filter, 2pcs..</p> <p>7. With Differential Current Transformer(Ratio 50:5), 1.0VA/10P10, 3pcs; Metering Current Transformer(Ratio 600:5), 40VA/1.0CL, 1pcs; Surge Capacitors(4kV,0.5μF), 1pcs; Lightning Arrester(1φ,4.5kV), 3pcs and Space Heater : Operation 1φ 120V 62.5W / Rated 1φ 240V 250W,</p>				

FOR APPROVAL

Please confirm or comment, and return within 7 business days. Otherwise, these drawings will be deemed as certified and approved.

Approved by : FD094211T1
Order No. FD103212T1

APPD.	Ming	DEC. 22 2009
CHKD.	Sandy	DEC. 22 2009
DWN.	CF.WENG	DEC. 17 2009

TECO  **Westinghouse**

DWG NO.
3A057H186-41169
REV.03 1/2

Item	Terms	Description
23	Note	<p>in the Primary T-Box.</p> <p>8. With Bently Nevada 3300 Vibration Instrument:</p> <p>A. Proximity Probe Housing : CA21000-28-05-00-035-00-02, 4pcs.</p> <p>B. Extension Cable : 330130-045-00-05, 4pcs.</p> <p>C. Vibration Transmitters : 330180-50-05, 4pcs. Output: 7.87V/mm(200mV/mil) ± 5%.</p> <p>D. Transmitter Housing: CA72342-10-03, 1pcs.</p> <p>9. With Stainless Shims (One per Foot Total 7.0mm) 1.5mm(3pcs), 0.8mm(1pcs), 0.5mm(2pcs), 0.2mm(2pcs), 0.1mm(2pcs), 0.05mm(2pcs). To be Shipped Loose with Motor.</p> <p>10. With Drain & Breather: ECD15, 4pcs. To be Shipped Loose with Motor.</p> <p>11. Vibration : No Load Below 38.1µm(1.5mils) (P-P) on Shaft. Below 2.54mm/sec(0.1"/sec) (0-P) on Bearing Housing.</p> <p>12. Noise: Below 85dBA at 3 Feet Distance No Load.</p> <p>13. Suitable for Class I, Division 2, Group C & D. Temperature Code: T3.(Max. External Surface Temp.: 200 °C)</p> <p>14. Motor Approx. Weight : 7700kgs(16940lbs). Rotor Approx. Weight : 2150kgs(4730lbs). Primary T-Box Approx. Weight : 420kgs(924lbs).</p>