



Model Number	PC3-CI-TF-324T-4-BR-D-40-230 460-60
MFG PN	T324T40U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

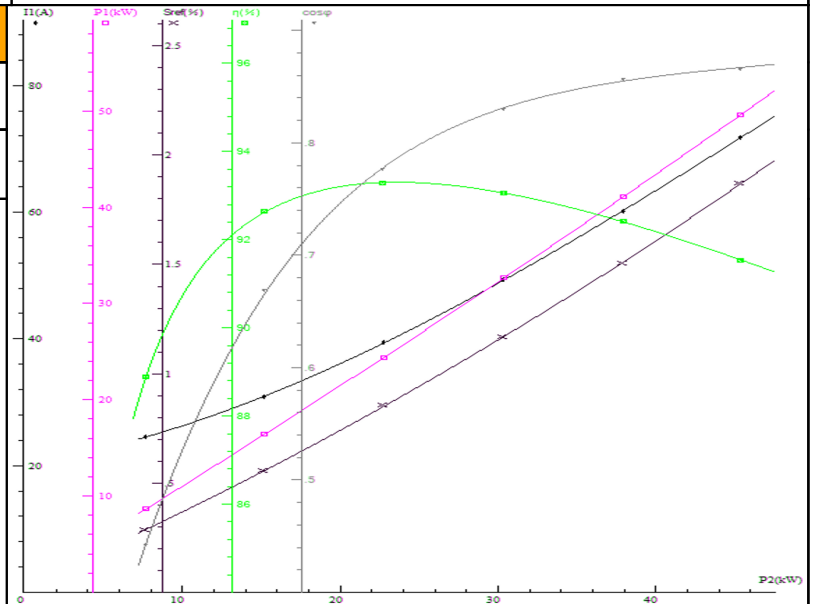
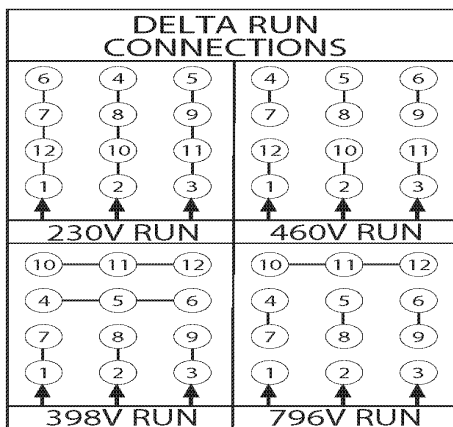
Electrical Data				General Data	
Rated Motor Output Power	40 HP			Frame Size	324
Rated Motor Speed	1770 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	499.4
Rated Motor Current	94.2/47.1 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	55
KVA Code	E			Insulation Class	F
Nominal Efficiency	93 %			Tropicalization	YES
Nominal Power Factor	87 cosθ			Duty	CONT
Full Load Torque Ft-Lb	118.12664 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	71.6			Feet Removable	YES
Efficiency Level	IE2 - High (EPact)			Double Drilled	NO

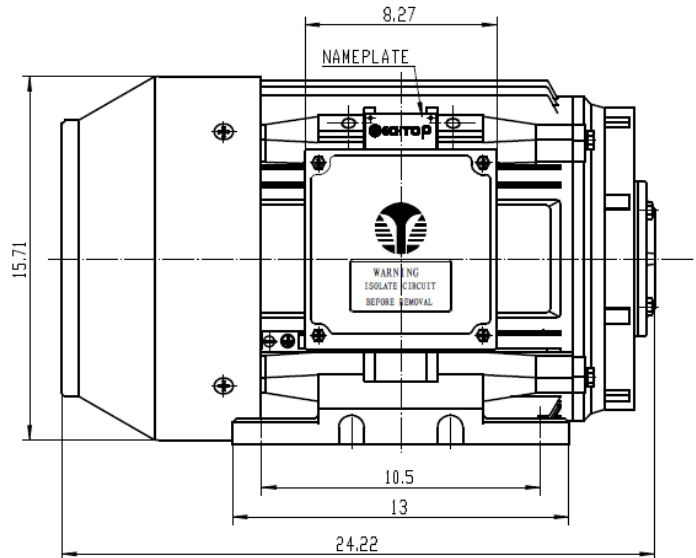
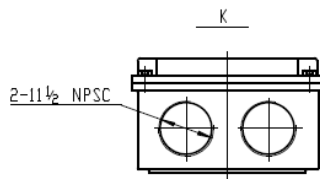
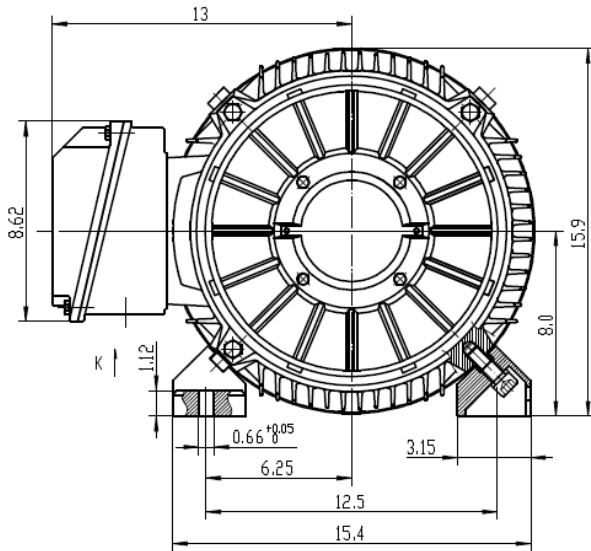
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	202	397.6	Rated Altitude (M)	1000
Breakdown	-	305	-	Coating	7024 - Graphite Grey
Pull Up	-	216	-	Shaft Grounding	NO
125% of FL	1779.2	-	59.606	Brake Voltage (DC)	--
75% of FL	1784.9	-	39.027	Brake Torque (N-M)	--
50% of FL	1795.1	-	30.771	Mechanical Data	
No Load	--	-	22.26		

Hazardous Location	Class 1, Div2 Grp A,B,C,D			Bearing DE Side	6312 C3
				Bearing NDE Side	6312 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
		P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), $\cos\phi$ = Power Factor	

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 12 Lead Dual Voltage		






ShangHai HIMAK Electrical
Machinery CO.,LTD

TEFC 324T

NO: TFCR324T40U4B

Design
Checker
Auditing

Standards
Allow
Date

STEP MARK

1:4 SORT Cast iron Motor