



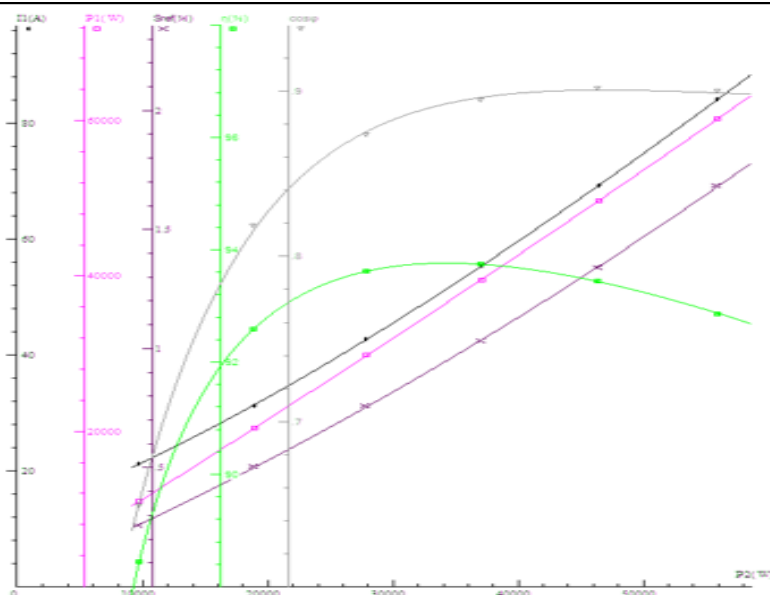
Model Number GR3-CI-TF-326TS-2-BR-D-50-230|460-60

MFG PN TFC326TS50U2B

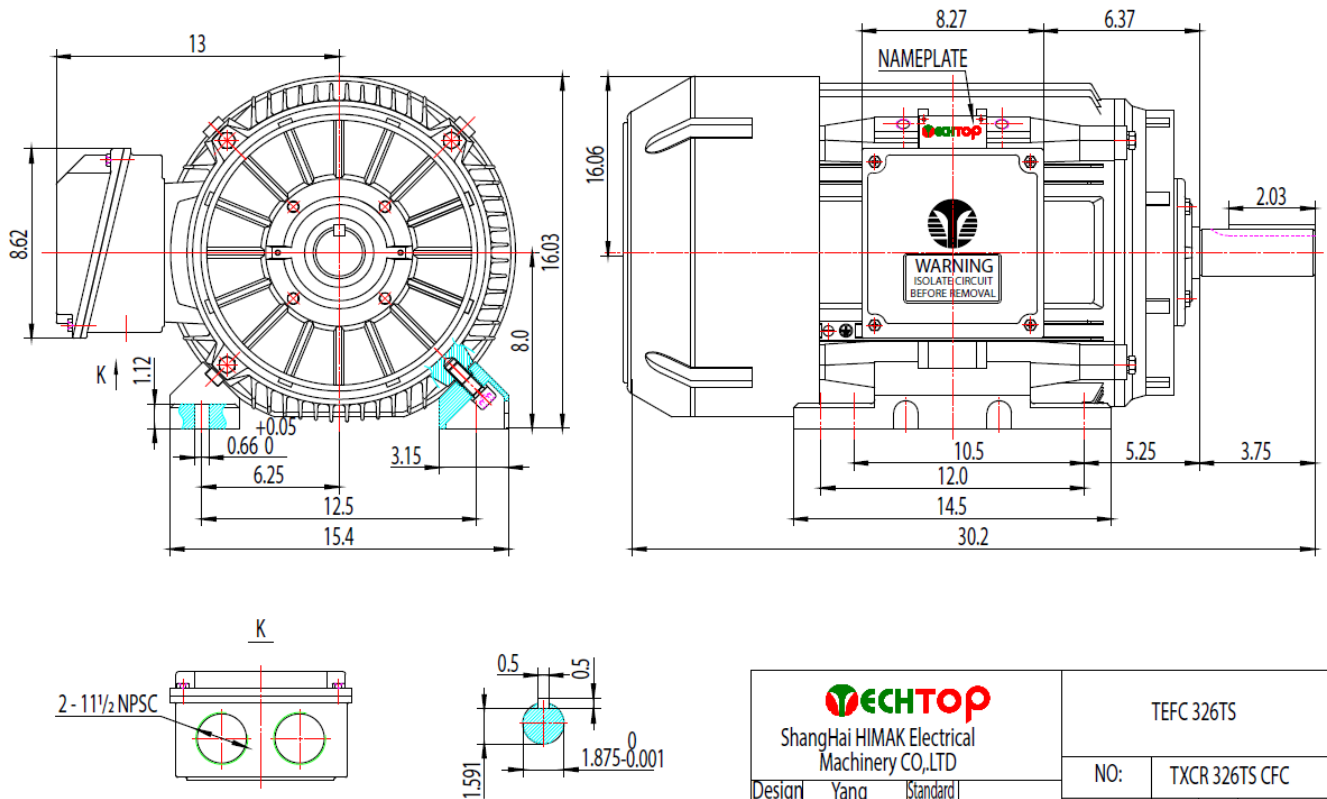
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		50 HP		Frame Size	326
Rated Motor Speed		3560 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		230 460-60 Volts - HZ		Approximate Weight	527
Rated Motor Current		111.8/55.9 Amps		NEMA Design	A
Service Factor		1.25		IP Rating	55
KVA Code		J		Insulation Class	F
Nominal Efficiency		93 %		Tropicalization	YES
Nominal Power Factor		0.9 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		74.1288 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		63.3		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	306	467.4	Rated Altitude (M)	1000
Breakdown	-	304	-	Coating	7024 - Graphite Grey
Pull Up	-	173	-	Shaft Grounding	NO
125% of FL	3551	-	69.5	Brake Voltage (DC)	
75% of FL	3573	-	42.81	Brake Torque (N-M)	
50% of FL	3582	-	31	Mechanical Data	
No Load		-	15.79	Bearing DE Side	6312 C3
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			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 (%), cosϕ = Power Factor		
Certifications	UL	CSA	DOE		
File Numbers	323353	224693	096A		
Wiring Diagram	3PH 12 Lead Dual Voltage				
6 4 5 7 8 9 12 10 11 1 2 3 ↑↑↑ 230V RUN 4 5 6 7 8 9 12 10 11 1 2 3 ↑↑↑ 460V RUN 10 11 12 4 5 6 7 8 9 1 2 3 ↑↑↑ 398V RUN 10 11 12 4 5 6 7 8 9 1 2 3 ↑↑↑ 796V RUN					

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ShangHai HIMAK Electrical Machinery CO.,LTD

Design Yang
 Checker 01.04.2016
 Auditing

Standard
 Allow
 Date

TEFC 326TS

NO: TXCR 326TS CFC

STEP MARK

1:4

SORT

Cast iron Motor