



Model Number	PC3-CI-TF-286T-4-BR-D-30-230 460-60
MFG PN	T286T30U4B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	30 HP			Frame Size	286
Rated Motor Speed	1770 r/min			Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	371.8
Rated Motor Current	71.0/35.5 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	55
KVA Code	F			Insulation Class	F
Nominal Efficiency	92.4 %			Tropicalization	YES
Nominal Power Factor	86 cosθ			Duty	CONT
Full Load Torque Ft-Lb	87.612128 Ft-Lb			Cable Entry	1.25
Temp Rise @ Full Load °C	75.3			Feet Removable	YES
Efficiency Level	IE2 - High (EPact)			Double Drilled	NO

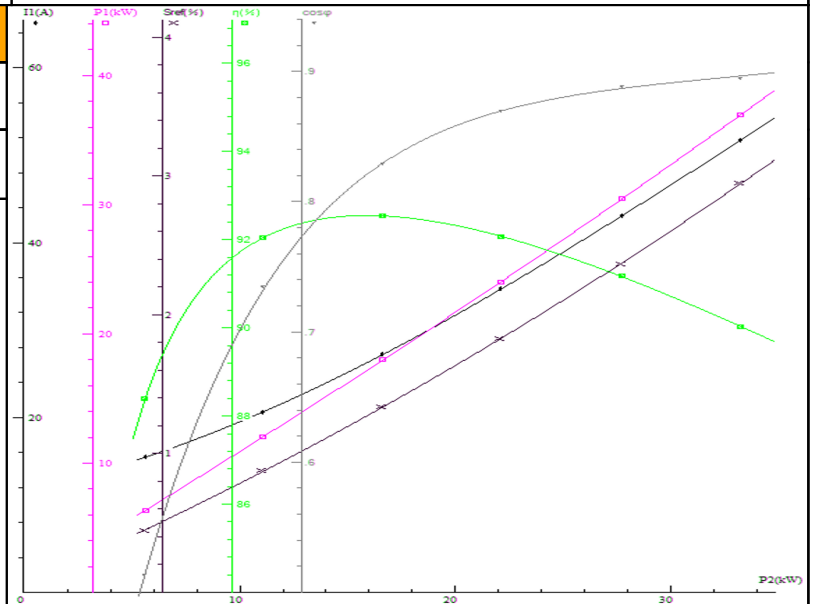
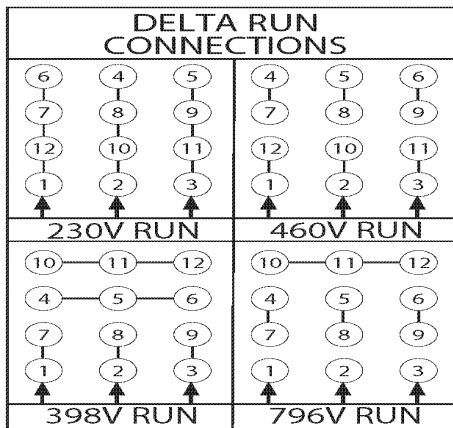
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	281	274	Rated Altitude (M)	1000
Breakdown	-	325	-	Coating	7024 - Graphite Grey
Pull Up	-	220	-	Shaft Grounding	NO
125% of FL	1757.7	-	42.692	Brake Voltage (DC)	--
75% of FL	1776.2	-	27.027	Brake Torque (N-M)	--
50% of FL	1784.4	-	20.558	Mechanical Data	
No Load	--	-	13.06	Bearing DE Side	6311 C3

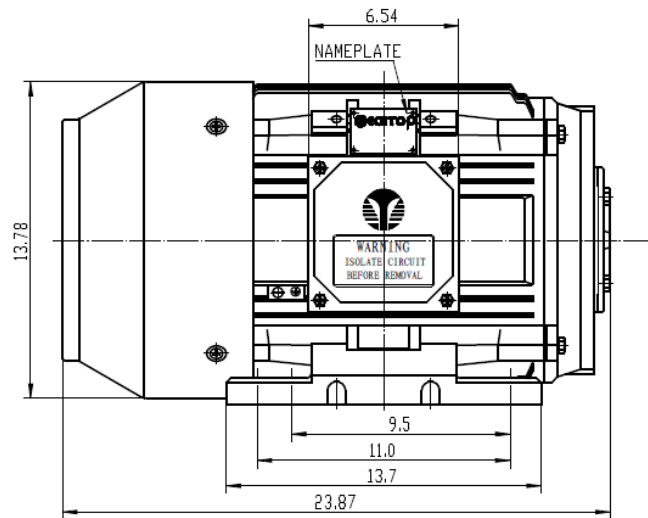
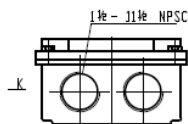
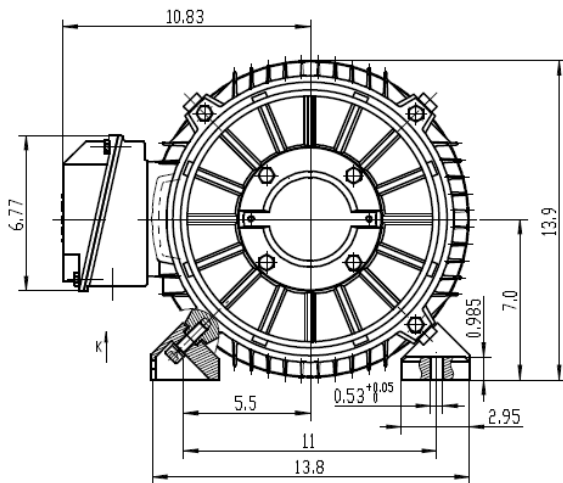
Hazardous Location	Class 1, Div2 Grp A,B,C,D			Bearing NDE Side	6311 C3
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

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
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ShangHai HIMAK Electrical Machinery CO.,LTD

NEMA TEFC 286T

Design		Standard	
Checker		Allow	
Auditing		Date	

NO:	TFCR286T30U4B		
STEP MARK	1:4	SORT	Cast iron Motor