



Model Number XR3-CI-TF-286TC-6-BR-D-20-190|380-50

MFG PN T286T20U6B

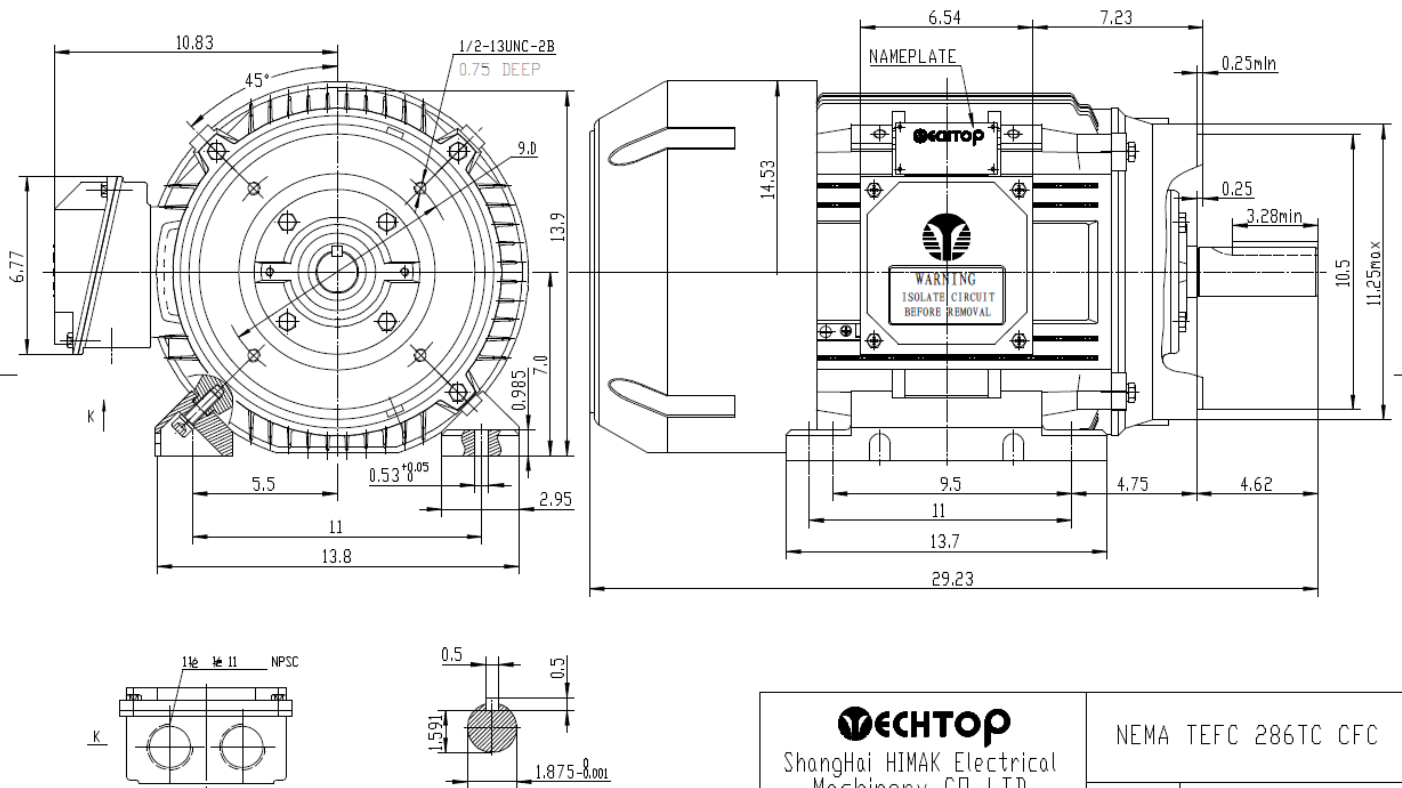
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		20 HP		Frame Size	286
Rated Motor Speed		975 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	407.6
Rated Motor Current		62.34/31.17 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		J		Insulation Class	H
Nominal Efficiency		91.2 %		Tropicalization	YES
Nominal Power Factor		0.797 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		107.401936 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		72.3		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	259	208.4	Rated Altitude (M)	1000
Breakdown	-	275	-	Coating	7024 - Graphite Grey
Pull Up	-	177	-	Shaft Grounding	YES
125% of FL	976	-	38.22	Brake Voltage (DC)	--
75% of FL	987	-	24.96	Brake Torque (N-M)	--
50% of FL	991	-	19.83	Mechanical Data	
No Load	995	-	14.71	Bearing DE Side	6311 C3
Hazardous Location	Class 1, Div 2, 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				
6 7 12 1 4 8 10 2 5 9 11 3 230V RUN 4 7 12 1 5 8 10 2 6 9 11 3 460V RUN 10 4 7 1 11 5 8 2 12 6 9 3 398V RUN 10 4 7 1 11 5 8 2 12 6 9 3 796V RUN					

Techtop Industries -2815 Colonnades Court - Peachtree Corners, GA 30071 - Phone: (678) 436-5540




Shanghai HIMAK Electrical Machinery CO., LTD

NEMA TEFC 286TC CFC

Design

Standard

NO:

1HMY.010.C020

Checker

Allow

STEP

MARK

1:3.5 SORT

Cast iron Motor

Auditing

Date