



Model Number GR3-CI-TF-256JM-2-BR-D-20-230|460-60

MFG PN TFC256T20U2B

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	256
Rated Motor Speed	3550 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	293
Rated Motor Current	45.2/22.6 Amps	NEMA Design	BE
Service Factor	1.25	IP Rating	55
KVA Code	J	Insulation Class	F
Nominal Efficiency	91 %	Tropicalization	YES
Nominal Power Factor	0.91 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	29,504 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	52.2	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

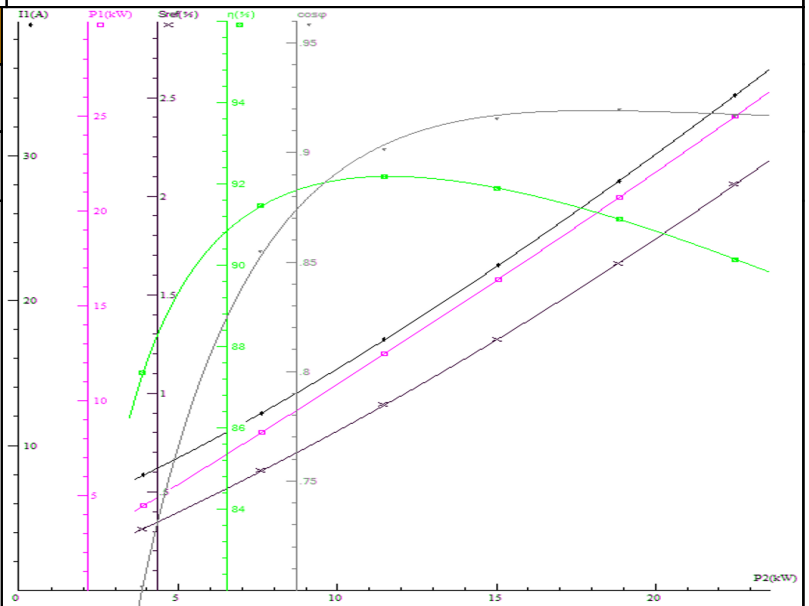
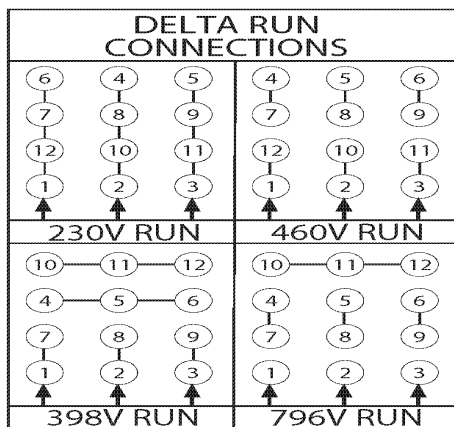
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	250	187.1	Rated Altitude (M)	1000
Breakdown	-	302	-	Coating	7024 - Graphite Grey
Pull Up	-	140	-	Shaft Grounding	NO
125% of FL	3541	-	28	Brake Voltage (DC)	
75% of FL	3567	-	16.98	Brake Torque (N-M)	
50% of FL	3578	-	12.1	Mechanical Data	
No Load	3594	-	5.47		

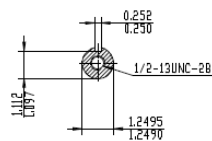
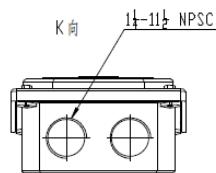
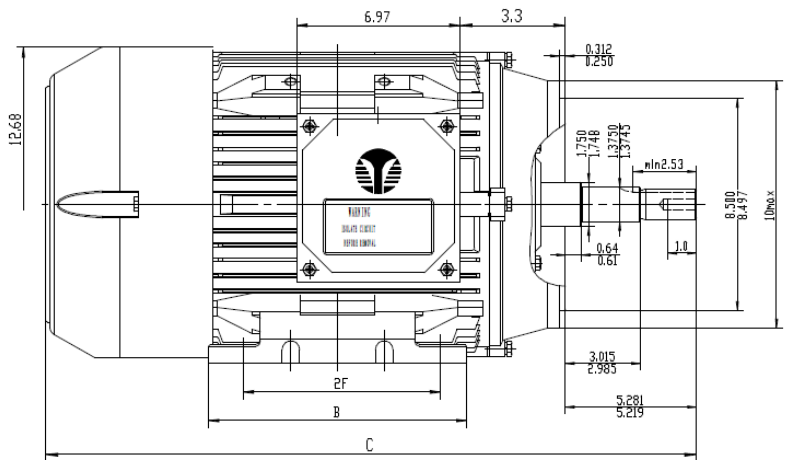
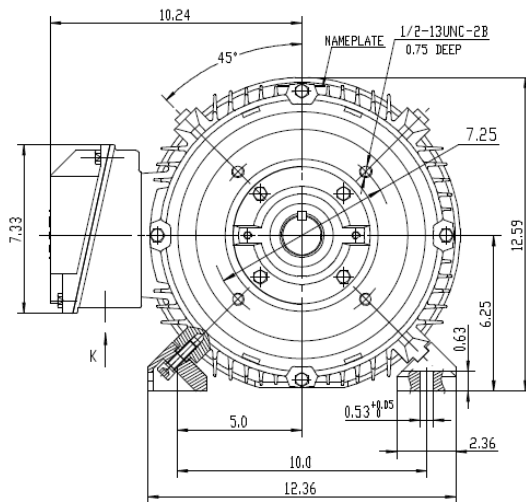
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6309 C3
				Bearing NDE Side	6309 C3
				Moment of Inertia	kg.m2
				Noise Level	Per NEMA dB (A)

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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Model	2F	B	C
254T	8.25	10.35	26.39
256T	8.25/10	12.05	28.13

TECHTOP		NEMA TEFC 250T JM			
ShangHai HIMAK Electrical Machinery CO.,LTD		NO:	1HMY.010.JM004 CFC		
Design	Standard	STEP MARK	1:3	SDRT	Cast iron Motor
Checker	Allow	S			
Auditing	Date				