TECHTOP electric motors		**Model Number**	**XR3-AL-OP-284T-4-BR-D-25-190|380-50**
		MFG PN	**TDA284T25U4B**
		List Price	**--**

All data shown at HIGH voltage setting — Format: STD 3 Phase

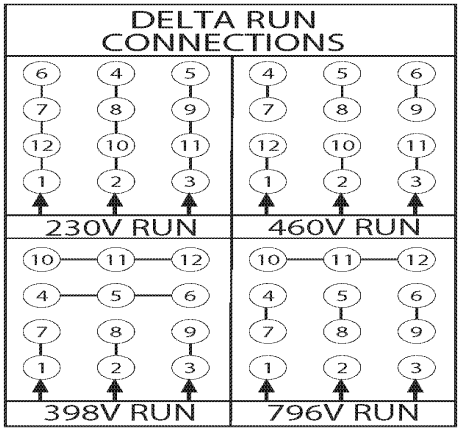
Electrical Data		**General Data**	
Rated Motor Output Power	25 HP	Frame Size	284
Rated Motor Speed	1460 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	190|380-50 Volts - HZ	Approximate Weight	299
Rated Motor Current	70.1/35.05 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	K	Insulation Class	H
Nominal Efficiency	92.6 %	Tropicalization	YES
Nominal Power Factor	0.873 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	87.7744 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	42.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

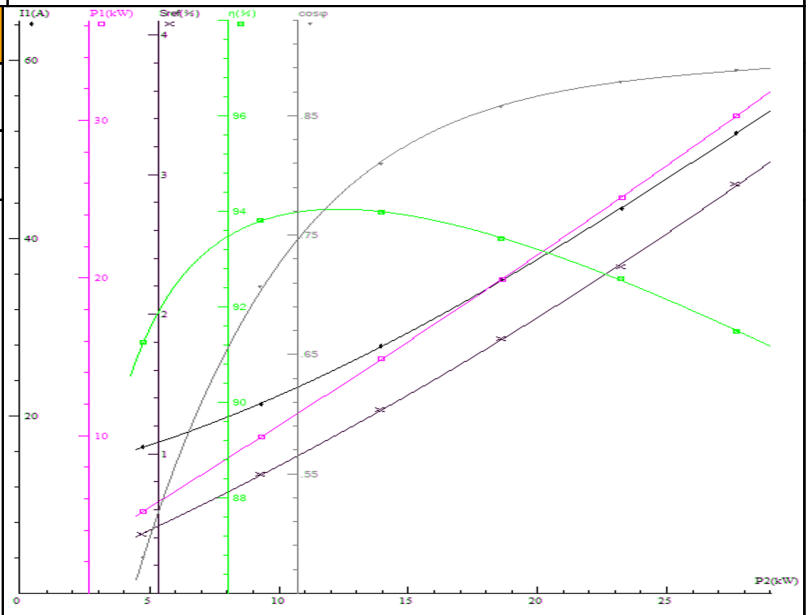
Load Data	**RPM**	**Trq %FL**	**Current Amps**	Rated Ambient (°C)	40
Locked Rotor	-	222	307	Rated Altitude (M)	1000
Breakdown	-	360	-	Coating	7024 - Graphite Grey
Pull Up	-	238	-	Shaft Grounding	YES
125% of FL	1470	-	45	Brake Voltage (DC)	0
75% of FL	1483	-	30	Brake Torque (N-M)	0
50% of FL	1489	-	24	**Mechanical Data**	
No Load	1497	-	18	Bearing DE Side	6311 C3
Hazardous Location				Bearing NDE Side	6311 C3
				Moment of Inertia	0 kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	**Loaded Torque Curves**	**--**

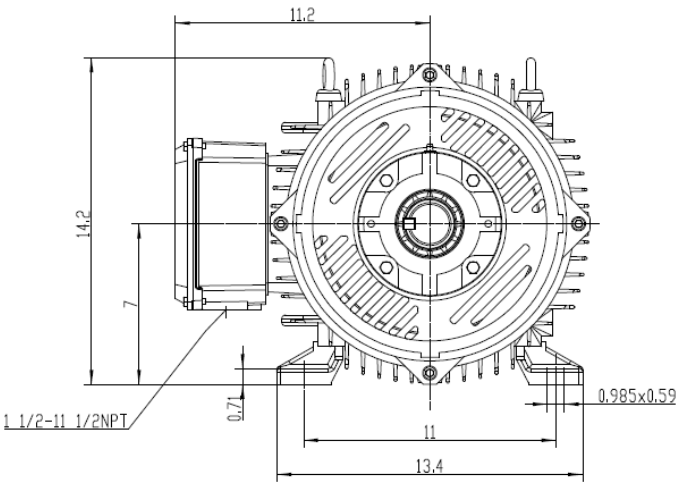
P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosϕ = Power Factor

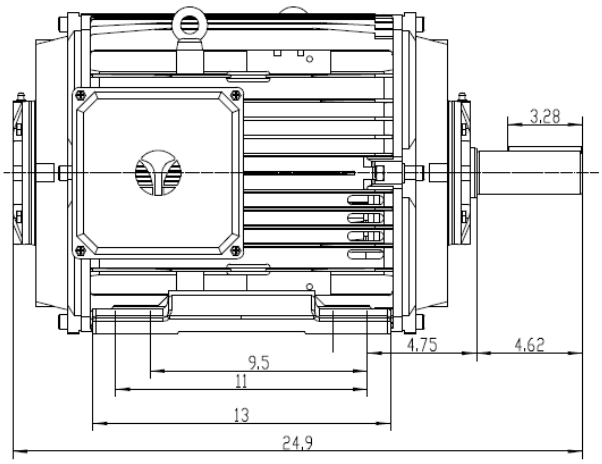
Certifications	UL	CSA	DOE
File Numbers	**323353**	**224693**	096A
Wiring Diagram	**3PH 12 Lead Dual Voltage**		



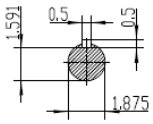


Model Number	XR3-AL-OP-284T-4-BR-D-25-190|380-50
MFG PN	TDA284T25U4B
List Price	--
Base Frame	XR-284T-AL-OP





UNITS:INCH



ShangHai HIMAK Electrical Machinery CO,.LTD				TDA 284-286T F1	
				NO:	CY282.A16.002
Design		Standard		STEP MARK	1:4 SORT Cast iron Motor
Checker		Allow			
Auditing		Date			