



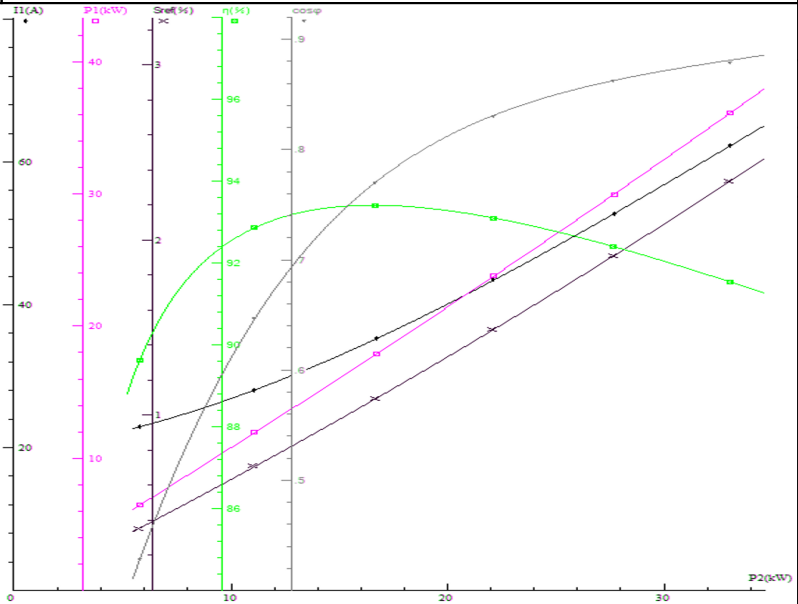
Model Number XR3-CI-OP-286TC-4-BR-D-30-190|380-50

MFG PN TDC286T30U4B

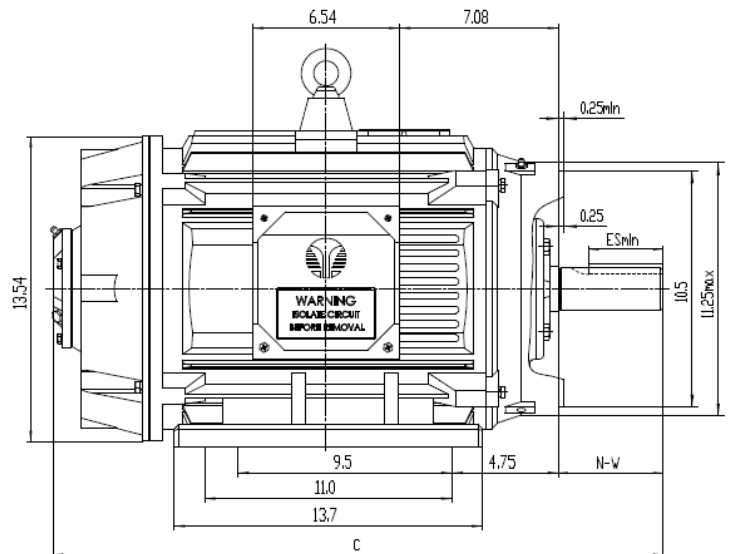
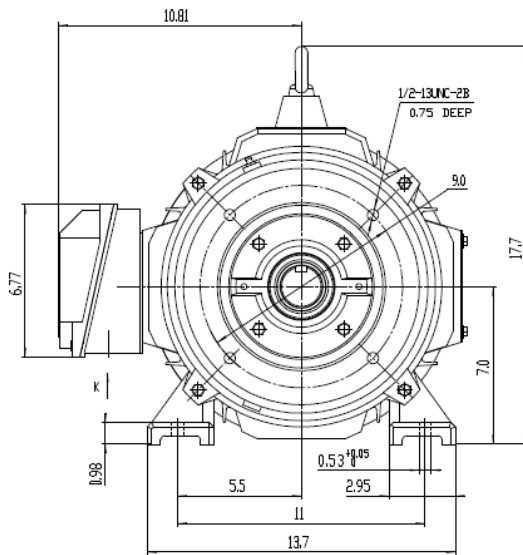
List Price --

All data shown at HIGH voltage setting

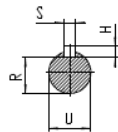
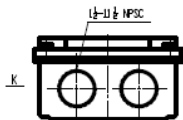
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		30 HP		Frame Size	286
Rated Motor Speed		1460 r/min		Enclosure	ODP
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	--
Rated Motor Current		82.6/41.3 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		K		Insulation Class	H
Nominal Efficiency		93 %		Tropicalization	YES
Nominal Power Factor		0.885 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		104.7392 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		48.5		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	301	386	Rated Altitude (M)	1000
Breakdown	-	360	-	Coating	7024 - Graphite Grey
Pull Up	-	234	-	Shaft Grounding	YES
125% of FL	1472	-	52	Brake Voltage (DC)	--
75% of FL	1484	-	35	Brake Torque (N-M)	--
50% of FL	1489	-	28	Mechanical Data	
No Load	1497	-	21	Bearing DE Side	6311 C3
Hazardous Location	--			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 4 5 7 8 9 12 10 11 1 2 3 230V RUN 10 11 12 4 5 6 7 8 9 1 2 3 398V 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 796V RUN					

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



Model	C	N-W	ES	R	U	S	H	NO.
TDC 280TC	27.1	4.62	3.29	1.591	1.875	0.5	0.5	IHMY.010.P015
TDC 280TSC	25.7	3.25	1.91	1.416	1.625	0.375	0.375	IHMY.010.P016



TECHTOP Shanghai HIMAK Electrical Machinery CO.,LTD		TDC 280TC	
Design	Standard	NO:	IHMY.010.P015-016
Checker	Allow	STEP MARK	1:3.5 SORT Cast Iron Motor
Drawing	Date		