



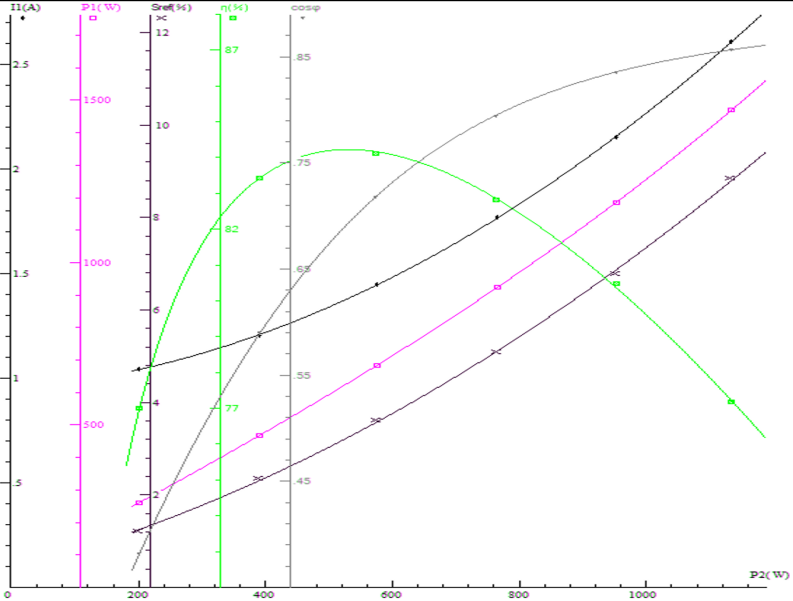
Model Number XR3-CI-TF-143TC-4-B-D-1-190|380-50

MFG PN T143T1U4B

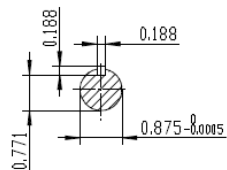
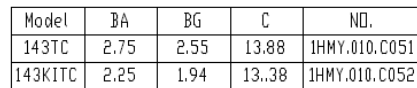
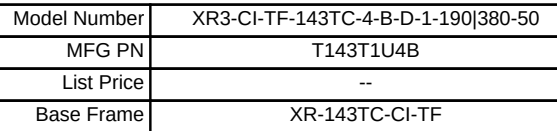
List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power		1 HP		Frame Size	143
Rated Motor Speed		1410 r/min		Enclosure	TEFC
Rated Motor Voltage (3 Phase)		190 380-50 Volts - HZ		Approximate Weight	46
Rated Motor Current		3.4/1.7 Amps		NEMA Design	BE
Service Factor		1		IP Rating	55
KVA Code		K		Insulation Class	H
Nominal Efficiency		82.5 %		Tropicalization	YES
Nominal Power Factor		0.808 cosθ		Duty	Cont.
Full Load Torque Ft-Lb		3.658496 Ft-Lb		Cable Entry	1.25
Temp Rise @ Full Load °C		39.7		Feet Removable	YES
Efficiency Level		IE3 - NEMA Premium		Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	247	10.81	Rated Altitude (M)	1000
Breakdown	-	285	-	Coating	7024 - Graphite Grey
Pull Up	-	230	-	Shaft Grounding	YES
125% of FL	1399	-	2.12	Brake Voltage (DC)	--
75% of FL	1448	-	1.42	Brake Torque (N-M)	--
50% of FL	1467	-	1.19	Mechanical Data	
No Load	1499	-	0.99	Bearing DE Side	6205ZZ
Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing NDE Side	6205ZZ
				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 9 Lead Dual Voltage				
3 Phase - YY/Y - 9 Lead 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom CONNECTIONS 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 LOW VOLTAGEHIGH VOLTAGE					

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



 ShangHai HIMAK Electrical Machinery CO.,LTD			TEFC 143TC/KITC CFC		
Design	yang	Standard	NO:		1HMY.010.C051-052
Checker		Allow	STEP MARK		1:2 SDR1 Cast iron Motor
Auditing		Date			

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