



Model Number XR3-AL-OP-143T-4-B-D-1-190|380-50

MFG PN TDA143T1U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

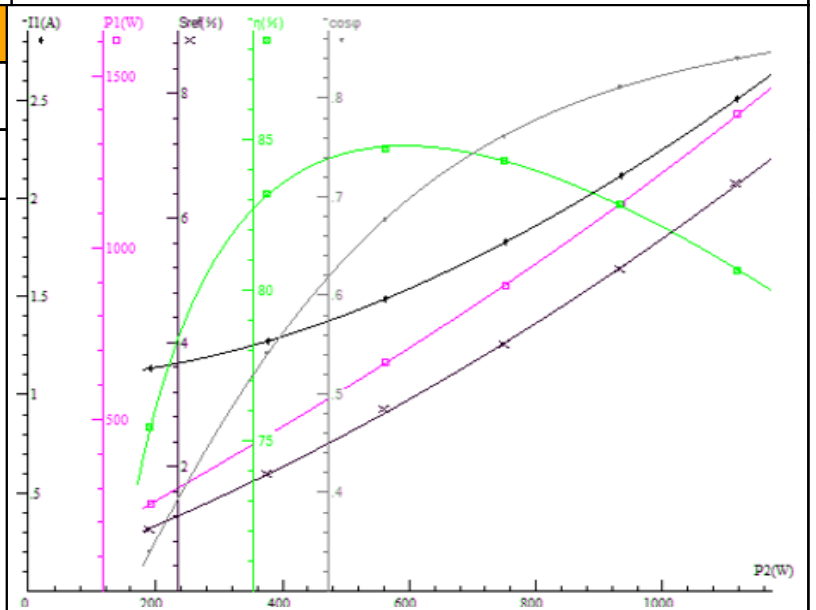
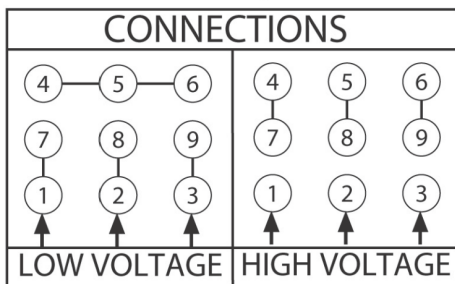
Electrical Data		General Data	
Rated Motor Output Power	1 HP	Frame Size	143
Rated Motor Speed	1440 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	--
Rated Motor Current	3.64/1.82 Amps	NEMA Design	BE
Service Factor	1.15	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	83.5 %	Tropicalization	YES
Nominal Power Factor	0.75 cos θ	Duty	Cont.
Full Load Torque Ft-Lb	5 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	28	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	260	11	40	
Breakdown	-	297	-	Rated Altitude (M)	
Pull Up	-	250	-	1000	
125% of FL	1499	-	2.52	Coating	
75% of FL	1499.6	-	1.48	7024 - Graphite Grey	
50% of FL	1499.7	-	1.27	Shaft Grounding	
No Load	--	-	1.09	YES	
Hazardous Location				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	
				Mechanical Data	
				Bearing DE Side	6308ZZ
				Bearing NDE Side	6208ZZ
				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 (%), cos ϕ = 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



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

FRAME:	HP:	RPM:	PHASE:	VOLT:	ENCL:	FREQ:	FLA:	LRA:
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