



Model Number XR3-AL-OP-256T-4-BR-D-20-190|380-50

MFG PN TDA256T20U4B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

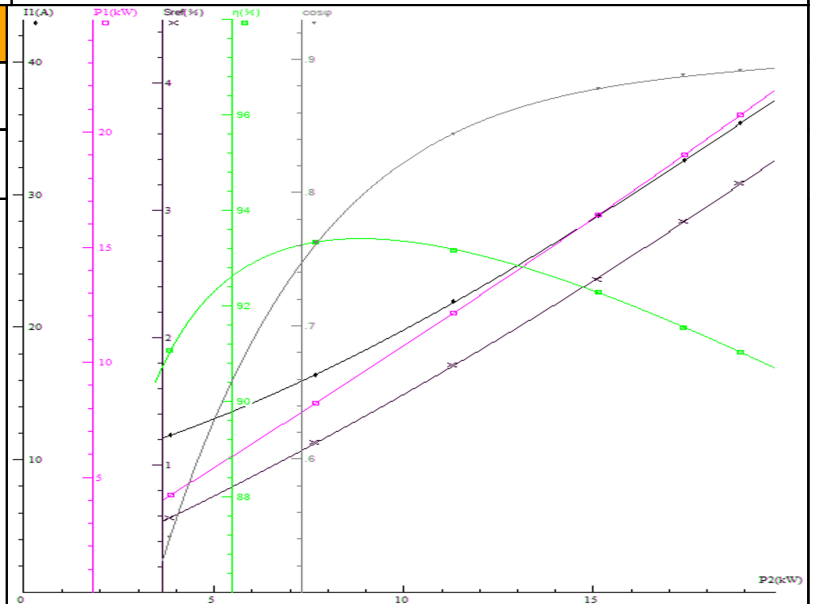
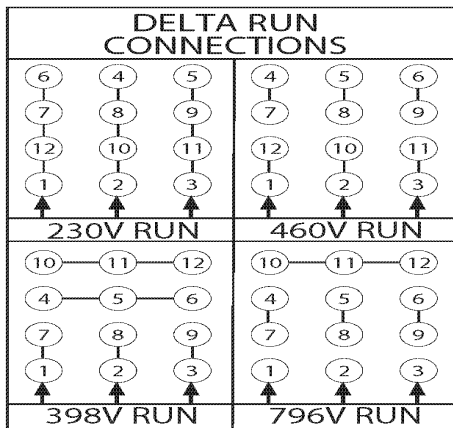
Electrical Data		General Data	
Rated Motor Output Power	20 HP	Frame Size	256
Rated Motor Speed	1460 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	190 380-50 Volts - HZ	Approximate Weight	229
Rated Motor Current	56.28/28.14 Amps	NEMA Design	BE
Service Factor	1	IP Rating	55
KVA Code	J	Insulation Class	H
Nominal Efficiency	92.1 %	Tropicalization	YES
Nominal Power Factor	0.875 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	71.7316 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	59.3	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

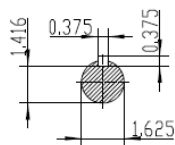
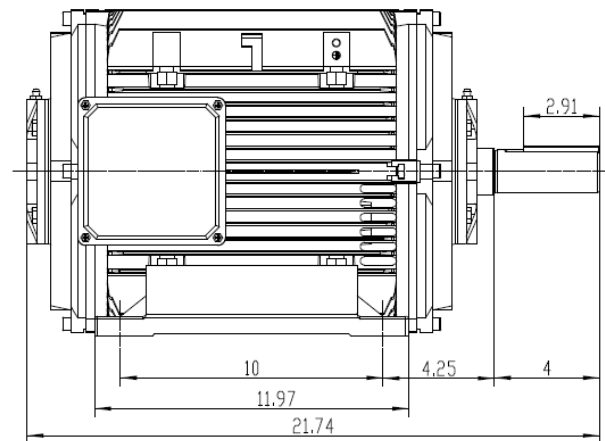
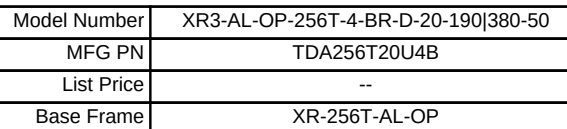
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	300	281.6	Rated Altitude (M)	1000
Breakdown	-	343	-	Coating	7024 - Graphite Grey
Pull Up	-	182	-	Shaft Grounding	YES
125% of FL	1469	-	36.99	Brake Voltage (DC)	0
75% of FL	1482	-	24.5	Brake Torque (N-M)	0
50% of FL	1488	-	19.5	Mechanical Data	
No Load	1495	-	14.41	Bearing DE Side	6309 C3

Hazardous Location		Bearing NDE Side	6309 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		





UNITS:INCH



ShangHai HIMAK Electrical
Machinery CO., LTD

TDA 256T F1

NO:

CY281.A16.002

Design

	Standard
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STEP	MARK
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1:3.5

SORT

Cast iron Motor

Auditing

Date

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