



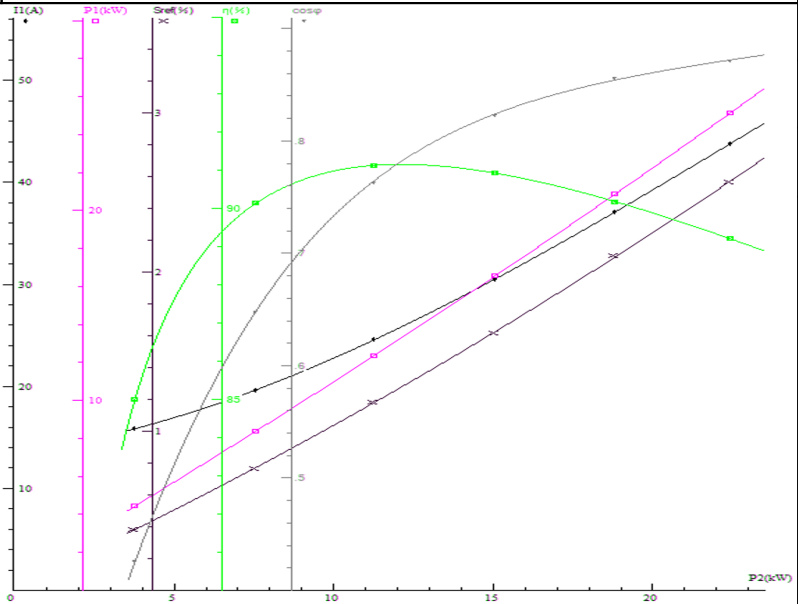
Model Number XR3-CI-OP-256TC-4-BR-D-20-190|380-50

MFG PN TDC256T20U4B

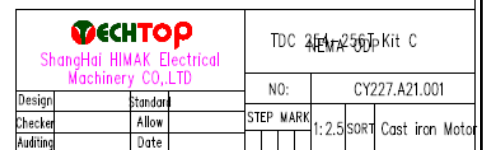
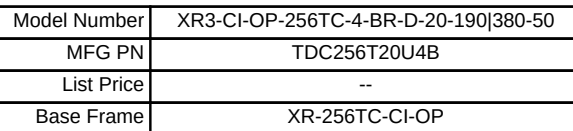
List Price --

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	--																						
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)	40																						
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)	--																						
75% of FL	1482	-	24.5	Brake Torque (N-M)	--																						
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	-- 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																										
DELTA RUN CONNECTIONS <table><tr><td>6 7 12 1 ↑</td><td>4 8 10 2 ↑</td><td>5 9 11 3 ↑</td></tr><tr><td colspan="3">230V RUN</td></tr><tr><td>10 4 7 1 ↑</td><td>11 5 8 2 ↑</td><td>12 6 9 3 ↑</td></tr><tr><td colspan="3">398V RUN</td></tr></table> <table><tr><td>4 7 12 1 ↑</td><td>5 8 10 2 ↑</td><td>6 9 11 3 ↑</td></tr><tr><td colspan="3">460V RUN</td></tr><tr><td>10 4 7 1 ↑</td><td>11 5 8 2 ↑</td><td>12 6 9 3 ↑</td></tr><tr><td colspan="3">796V RUN</td></tr></table>						6 7 12 1 ↑	4 8 10 2 ↑	5 9 11 3 ↑	230V RUN			10 4 7 1 ↑	11 5 8 2 ↑	12 6 9 3 ↑	398V RUN			4 7 12 1 ↑	5 8 10 2 ↑	6 9 11 3 ↑	460V RUN			10 4 7 1 ↑	11 5 8 2 ↑	12 6 9 3 ↑	796V RUN
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