



Model Number

GR3-CI-TF-145T-6-B-F-1-575-60

MFG PN

T145T1U6B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	1 HP	Frame Size	145
Rated Motor Speed	1150 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	575-60 Volts - HZ	Approximate Weight	52.8
Rated Motor Current	1.36 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	55
KVA Code	H	Insulation Class	F
Nominal Efficiency	82.5 %	Tropicalization	YES
Nominal Power Factor	0.68 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	4.602624 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	41.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	213	6.4	Rated Altitude (M)	1000
Breakdown	-	248	-	Coating	7024 - Graphite Grey
Pull Up	-	190	-	Shaft Grounding	NO
125% of FL	1135	-	1.56	Brake Voltage (DC)	--
75% of FL	1167	-	1.1	Brake Torque (N-M)	--
50% of FL	1179	-	0.95	Mechanical Data	
No Load	1185	-	0.8		

Hazardous Location	Class 1, Div 2, Grp A,B,C,D			Bearing DE Side	6205ZZ
				Bearing NDE Side	6205ZZ
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range	--	Loaded Torque Curves	--
$P_1 = \text{INPUT POWER (KW)}$, $S = \text{Slip (\% of Sync RPM)}$, $\eta = \text{Efficiency (\%)}$, $\cos\phi = \text{Power Factor}$			

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A
Wiring Diagram	3PH 9 Lead Dual Voltage		

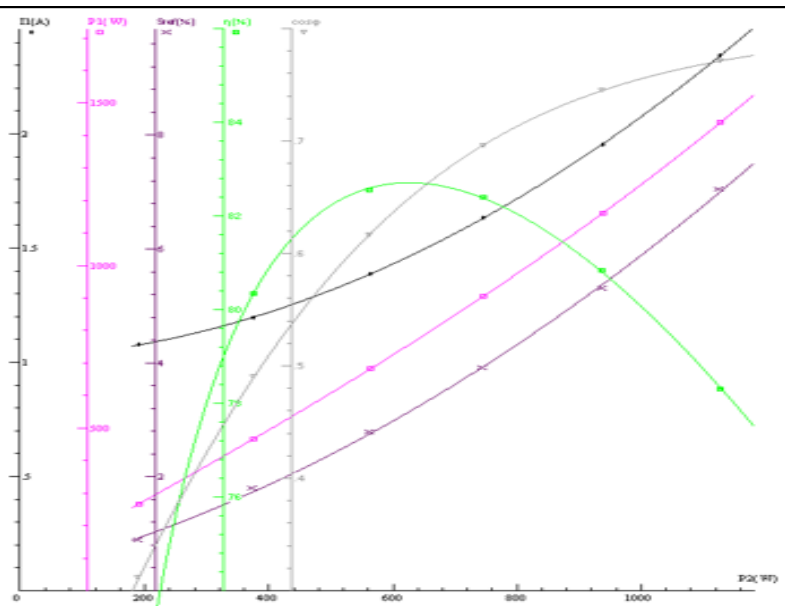
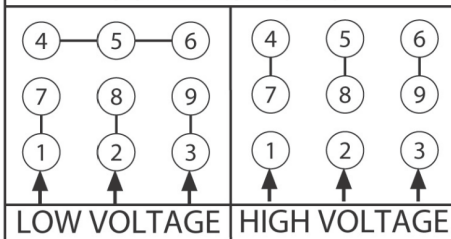
3 Phase - YY/Y - 9 Lead

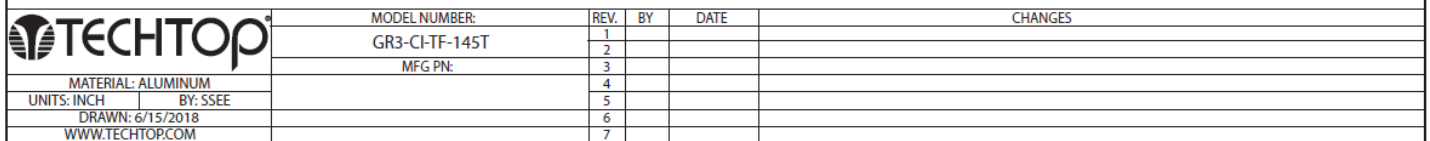
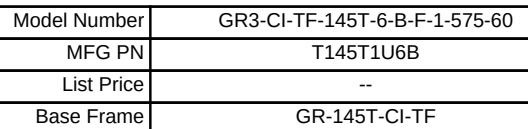
4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

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





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