



Model NumberGR3-CI-TF-215T-4-B-D-10-230|460-60

MFG PNTFC215T10U4B

List Price--

All data shown at HIGH voltage setting

FormatSTD 3 Phase

Electrical Data

General Data

Rated Motor Output Power10 HP

Rated Motor Speed1750 r/min

Rated Motor Voltage (3 Phase)230|460-60 Volts - HZ

Rated Motor Current23.8/11.9 Amps

Service Factor1.25

KVA CodeJ

Nominal Efficiency91.7 %

Nominal Power Factor0.86 cos θ

Full Load Torque Ft-Lb38.3552 Ft-Lb

Temp Rise @ Full Load °C51.3

Efficiency LevelIE3 - NEMA Premium

Frame Size215

EnclosureTEFC

Approximate Weight176

NEMA DesignA

IP Rating55

Insulation ClassF

TropicalizationYES

DutyCont.

Cable Entry1.25

Feet RemovableYES

Double DrilledNO

Load DataRPMTrq %FLCurrent Amps

Rated Ambient (°C)40

Locked Rotor-21293.82

Breakdown-269-

Pull Up-101-

125% of FL1779-14.87

75% of FL1767-8.94

50% of FL1779-6.48

No Load1795-3.67

Rated Altitude (M)1000

Coating7024 - Graphite Grey

Shaft GroundingNO

Brake Voltage (DC)

Brake Torque (N-M)

Mechanical Data

Bearing DE Side6308ZZ

Bearing NDE Side6308ZZ

Moment of Inertiakg.m2

Noise LevelPer NEMA dB (A)

Hazardous LocationClass 1, Div 2, Grp A,B,C,D

Loaded Torque Curves

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CT VFD Range

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 P_1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), $\cos\phi$ = Power Factor

CertificationsULCSADOE

File Numbers323353224693096A

Wiring Diagram3PH 9 Lead Dual Voltage

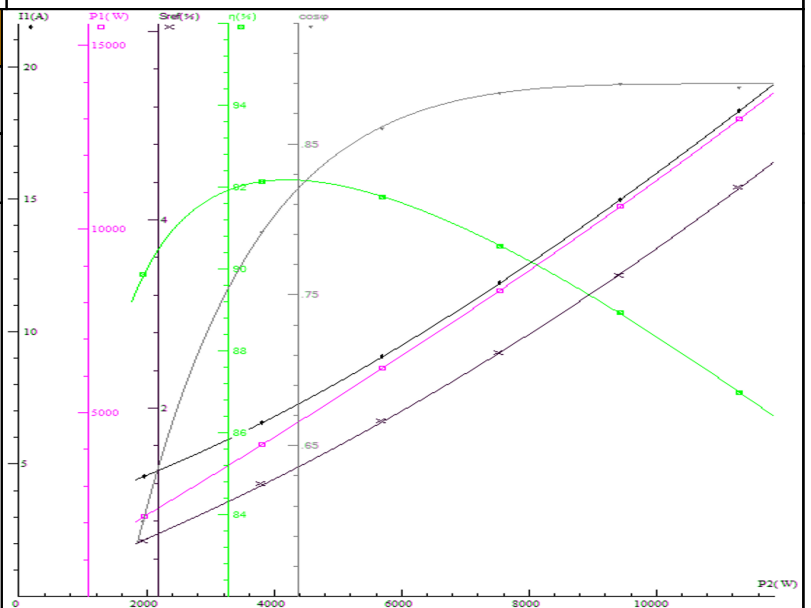
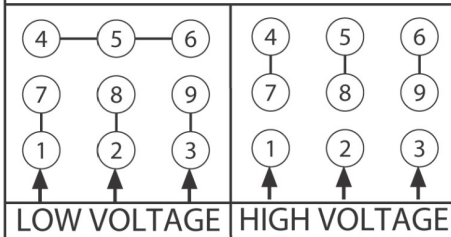
3 Phase - YY/Y - 9 Lead

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



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

