



Model NumberGR3-AL-TF-215JP-2-B-D-10-230|460-60

MFG PNT215T 10U2B

List Price--

All data shown at HIGH voltage setting

FormatSTD 3 Phase

Electrical Data

General Data

Rated Motor Output Power10 HP

Rated Motor Speed3520 r/min

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

Rated Motor Current22.6/11.3 Amps

Service Factor1.25

KVA CodeK

Nominal Efficiency90.2 %

Nominal Power Factor0.92 cos θ

Full Load Torque Ft-Lb15.061792 Ft-Lb

Temp Rise @ Full Load °C49.3

Efficiency LevelIE3 - NEMA Premium

Frame Size215

EnclosureTEFC

Approximate Weight165

NEMA DesignBE

IP Rating55

Insulation ClassF

TropicalizationYES

DutyCont.

Cable Entry1.25

Feet RemovableYES

Double DrilledNO

Load DataRPMTrq %FLCurrent Amps

Rated Ambient (°C)40

Locked Rotor-245106.36

Breakdown-346-

Pull Up-144-

125% of FL3508-14

75% of FL3548-8.5

50% of FL3564-6.14

No Load3592-3

Rated Altitude (M)1000

Coating7024 - Graphite Grey

Shaft GroundingNO

Brake Voltage (DC)

Brake Torque (N-M)

Mechanical Data

Bearing DE Side6308 ZZ

Bearing NDE Side6308 ZZ

Moment of Inertiakg.m2

Noise LevelPer NEMA dB (A)

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

Loaded Torque Curves

--

CT VFD Range

--

 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

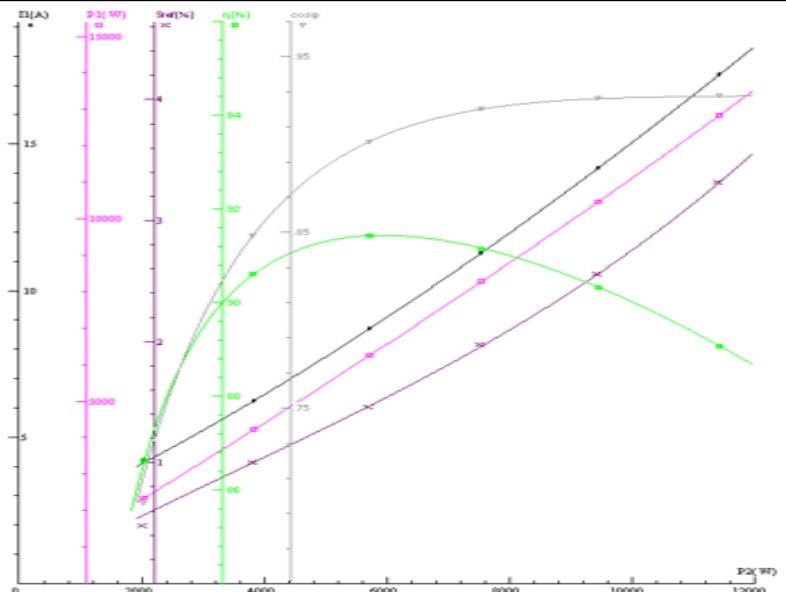
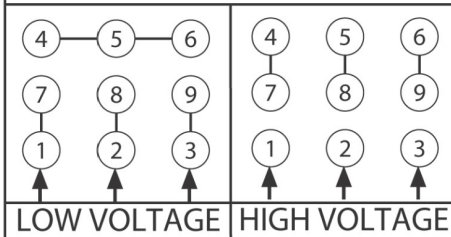
3 Phase - YY/Y - 9 Lead

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

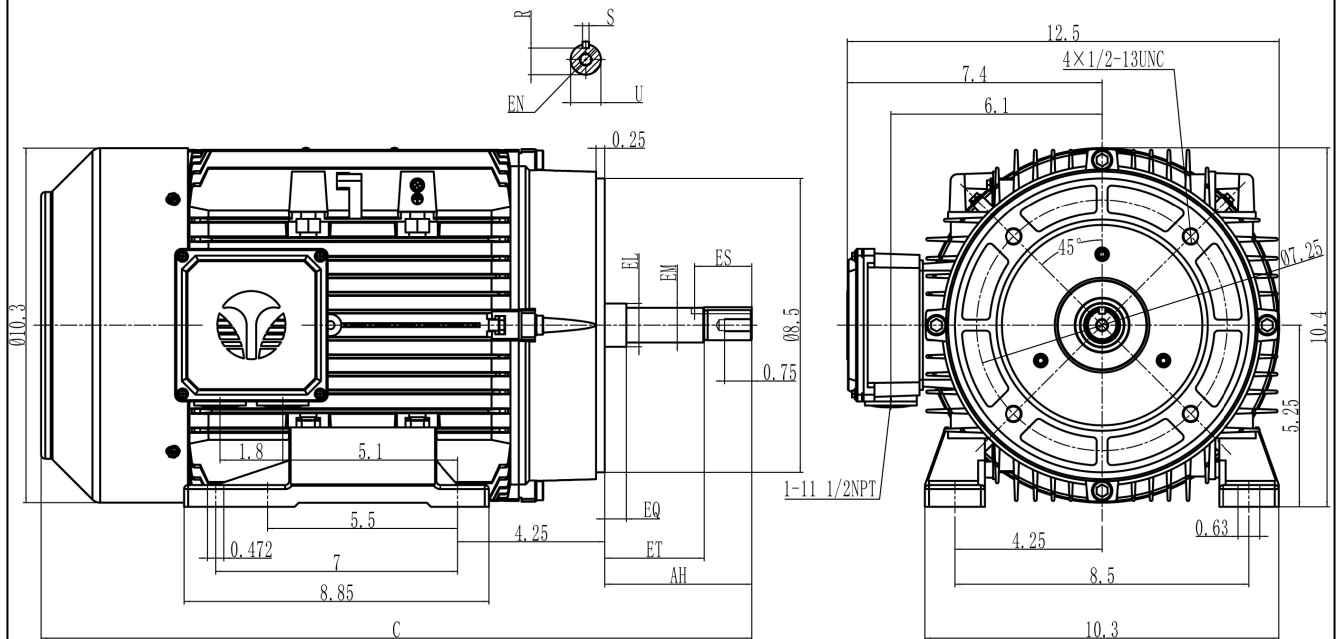
Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

CONNECTIONS



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

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



MODEL	AH	EQ	ET	C	EL	EM	EN	ES	U	R	S
2101W	4.25	0.625	2.875	20.6	1.25	1.0	3/8-16UNC	1.65	0.8745	0.771	0.1875x0.1875x1.375
2101P	8.125	2.375	5.875	24.5	1.75	1.375	1/2-13UNC	2.53	1.2495	1.112	0.25x0.25x2.41



MODEL: NEMA210JM-JP
REV.DISC:

SCALE: 1:2.5

DATE:

UNITS:

VERSION:

REVISED:

BY:

WWW.TECHTOP.COM