



Model Number GR3-RS-OP-145T-2-B-D-3-230|460-60

MFG PN TXD145T3U2B

List Price --

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	3 HP	Frame Size	145
Rated Motor Speed	3500 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	7.56/3.78 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	K	Insulation Class	H
Nominal Efficiency	86.5 %	Tropicalization	YES
Nominal Power Factor	0.86 cosθ	Duty	Cont. / S1
Full Load Torque Ft-Lb	4.52 Ft-Lb	Cable Entry	1-NPT 3/4"
Temp Rise @ Full Load °C	55	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	227	41.13	Rated Altitude (M)	1000
Breakdown	-	271	-	Coating	7024 - Graphite Grey
Pull Up	-	215	-	Shaft Grounding	NO
125% of FL	3419	-	5.8	Brake Voltage (DC)	--
75% of FL	3505	-	3.5	Brake Torque (N-M)	--
50% of FL	3540	-	2.6	Mechanical Data	
No Load	--	-	1.5		

Hazardous Location	--	Bearing DE Side	6306ZZ
		Bearing NDE Side	6306ZZ
		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		

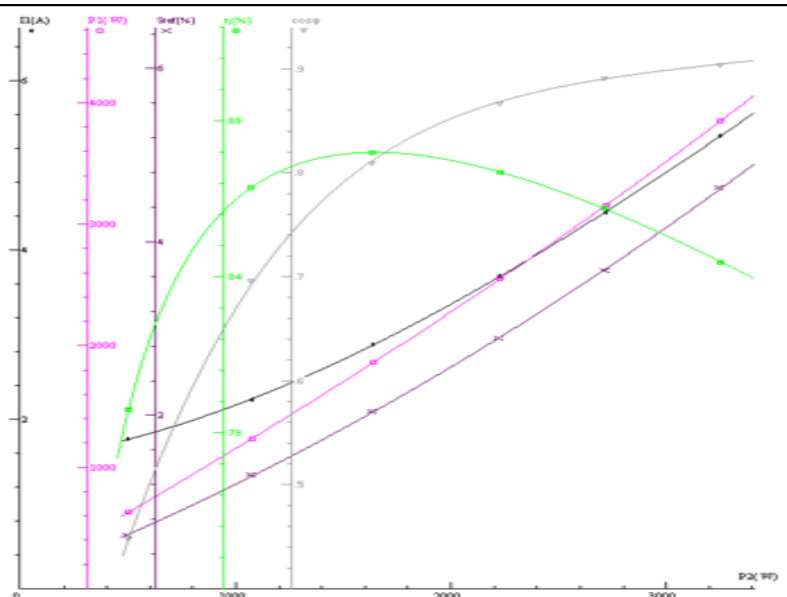
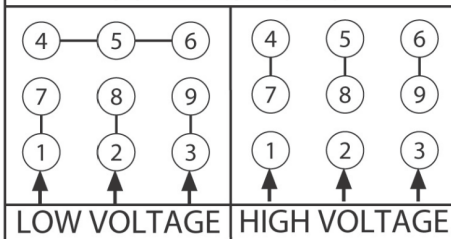
3 Phase - YY/Y - 9 Lead

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





Model Number GR3-RS-OP-145T-2-B-D-3-230|460-60

MFG PN TXD145T3U2B

List Price --

Base Frame GR-145T-RS-OP

FRAME: 145T

HP:

RPM:

PHASE: 3

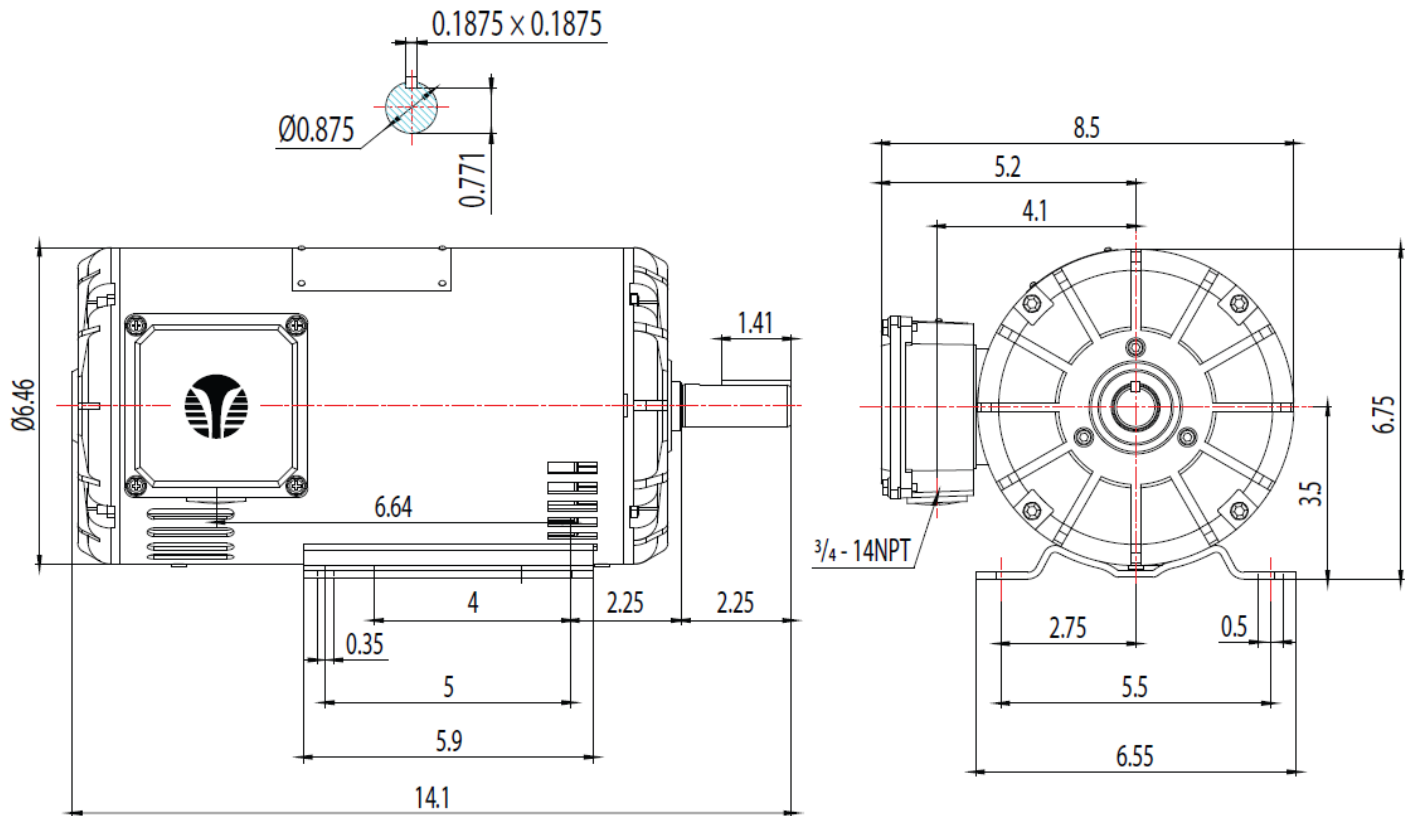
VOLT: 208-230V

ENCL: OPEN DRIP

FREQ: 60 Hz

FLA:

LRA:



MODEL NUMBER:

GR3-RS-OP-145T-2-B-D-3

MFG PN:

REV.

BY

DATE

CHANGES

1

2

3

4

5

6

7

MATERIAL: ALUMINUM

UNITS: INCH BY: SSEE

DRAWN: 6/13/2018

WWW.TECHTOP.COM

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