



Model Number	GR3-RS-OP-143TC-2-B-D-1-230 460-60
MFG PN	TXD143T1U2B
List Price	--

All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data		General Data	
Rated Motor Output Power	1 HP	Frame Size	143
Rated Motor Speed	3450 r/min	Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ	Approximate Weight	--
Rated Motor Current	2.96/1.48 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	k	Insulation Class	H
Nominal Efficiency	81 %	Tropicalization	YES
Nominal Power Factor	0.78 cosθ	Duty	Cont. / S1
Full Load Torque Ft-Lb	1.52 Ft-Lb	Cable Entry	1-NPT 3/4"
Temp Rise @ Full Load °C	29.5	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

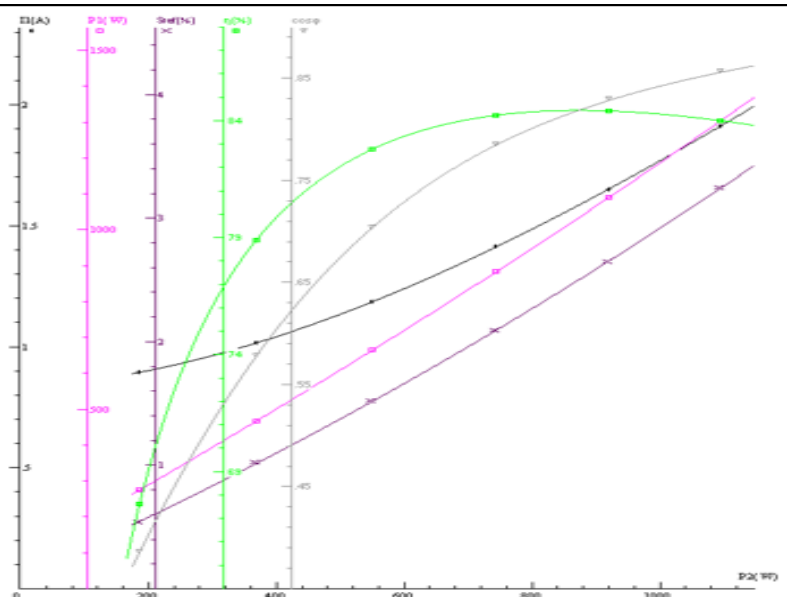
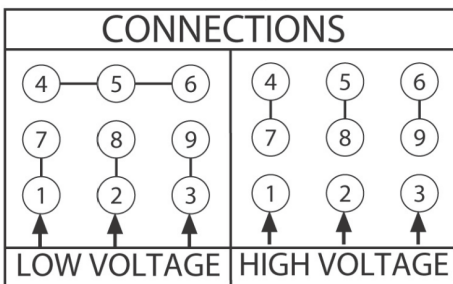
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	
Locked Rotor	-	350	15.68	40	
Breakdown	-	355	-	Rated Altitude (M)	
Pull Up	-	310	-	1000	
125% of FL	3419	-	1.72	Coating	
75% of FL	3498	-	1.22	7024 - Graphite Grey	
50% of FL	3532	-	1	Shaft Grounding	
No Load	--	-	0.85	NO	
Hazardous Location				Brake Voltage (DC)	
				--	
				Brake Torque (N-M)	
				--	

Mechanical Data	
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		

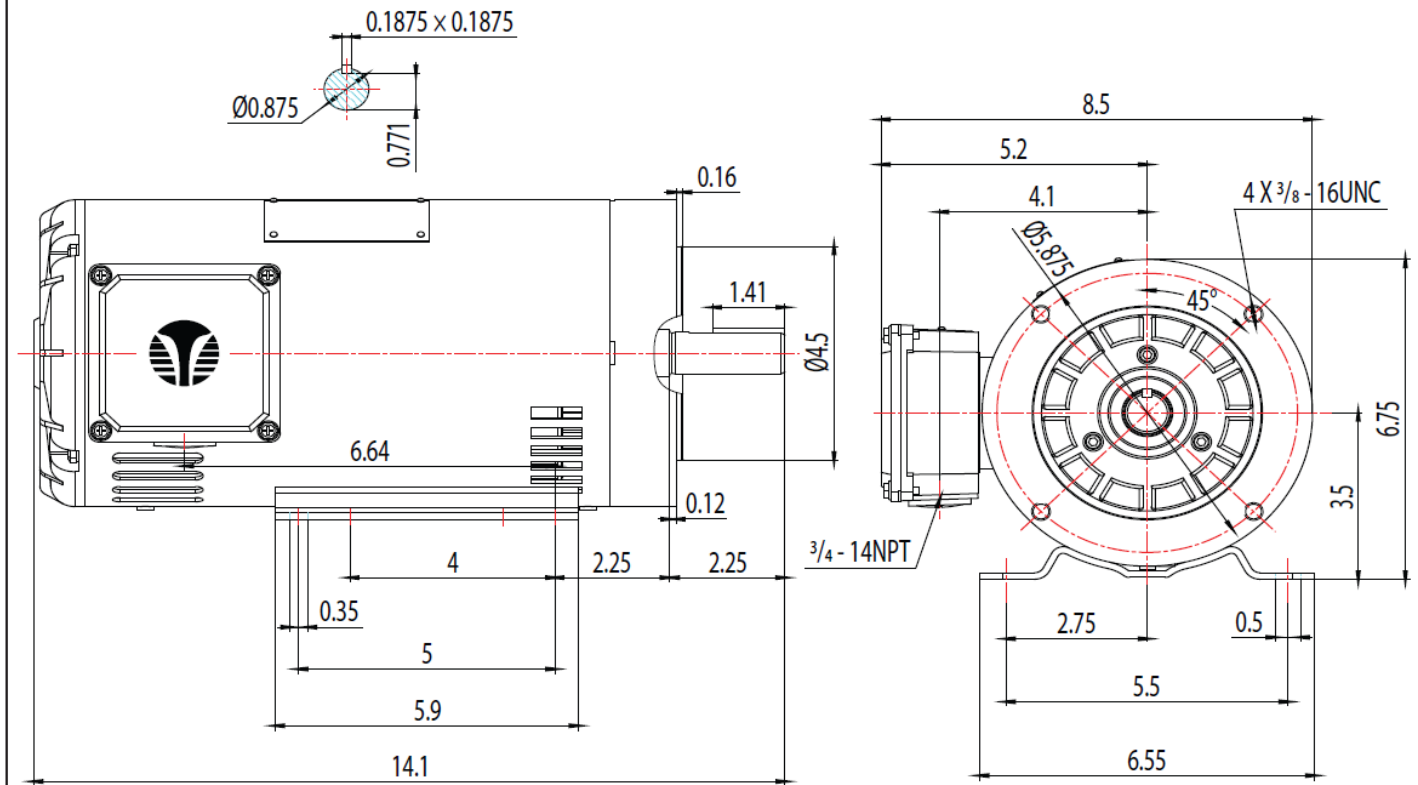
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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Base Frame	GR-143TC-RS-OP

FRAME: 143TC	HP:	RPM:	PHASE: 3	VOLT: 208-230V	ENCL: OPEN DRIP	FREQ: 60 Hz	FLA:	LRA:
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MODEL NUMBER:
GR3-RS-OP-143TC-4-B-D-1

REV.	BY	DATE
1		
2		
3		
4		
5		
6		
7		

CHANGES

MATERIAL: ALUMINUM
UNITS: INCH BY: SSEE
DRAWN: 6/13/2018
WWW.TECHTOP.COM

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