



Model Number GR3-RS-OP-213T-4-B-D-7.5-230|460-60

MFG PN TXD213T7.5U4B

List Price --

All data shown at HIGH voltage setting

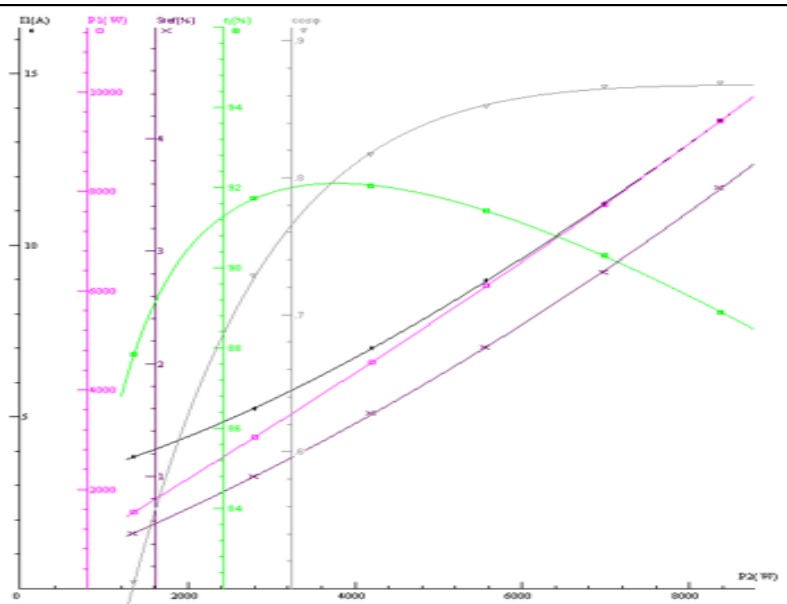
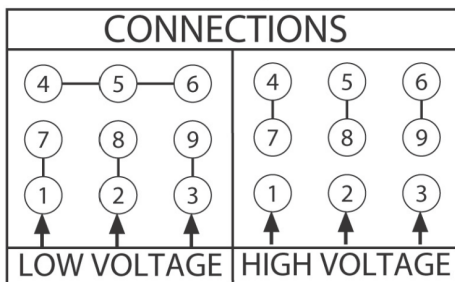
Format STD 3 Phase

Electrical Data				General Data	
Rated Motor Output Power	7.5 HP			Frame Size	213
Rated Motor Speed	1755 r/min			Enclosure	ODP
Rated Motor Voltage (3 Phase)	230 460-60 Volts - HZ			Approximate Weight	180.4
Rated Motor Current	18.2/9.10 Amps			NEMA Design	B
Service Factor	1.25			IP Rating	56
KVA Code	K			Insulation Class	H
Nominal Efficiency	91 %			Tropicalization	YES
Nominal Power Factor	0.85 cosθ			Duty	Cont. / S1
Full Load Torque Ft-Lb	22.4 Ft-Lb			Cable Entry	1-NPT 1"
Temp Rise @ Full Load °C	45			Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium			Double Drilled	NO
Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	223	75.18	Rated Altitude (M)	1000
Breakdown	-	299	-	Coating	7024 - Graphite Grey
Pull Up	-	160	-	Shaft Grounding	NO
125% of FL	1748	-	11.45	Brake Voltage (DC)	--
75% of FL	1772	-	7.18	Brake Torque (N-M)	--
50% of FL	1782	-	5.4	Mechanical Data	
No Load	--	-	3.5	Bearing DE Side	6306ZZ
Hazardous Location	--			Bearing NDE Side	6306ZZ
				Moment of Inertia	-- kg.m2
				Noise Level	Per NEMA dB (A)

CT VFD Range		--	Loaded Torque Curves	
			P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor	

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

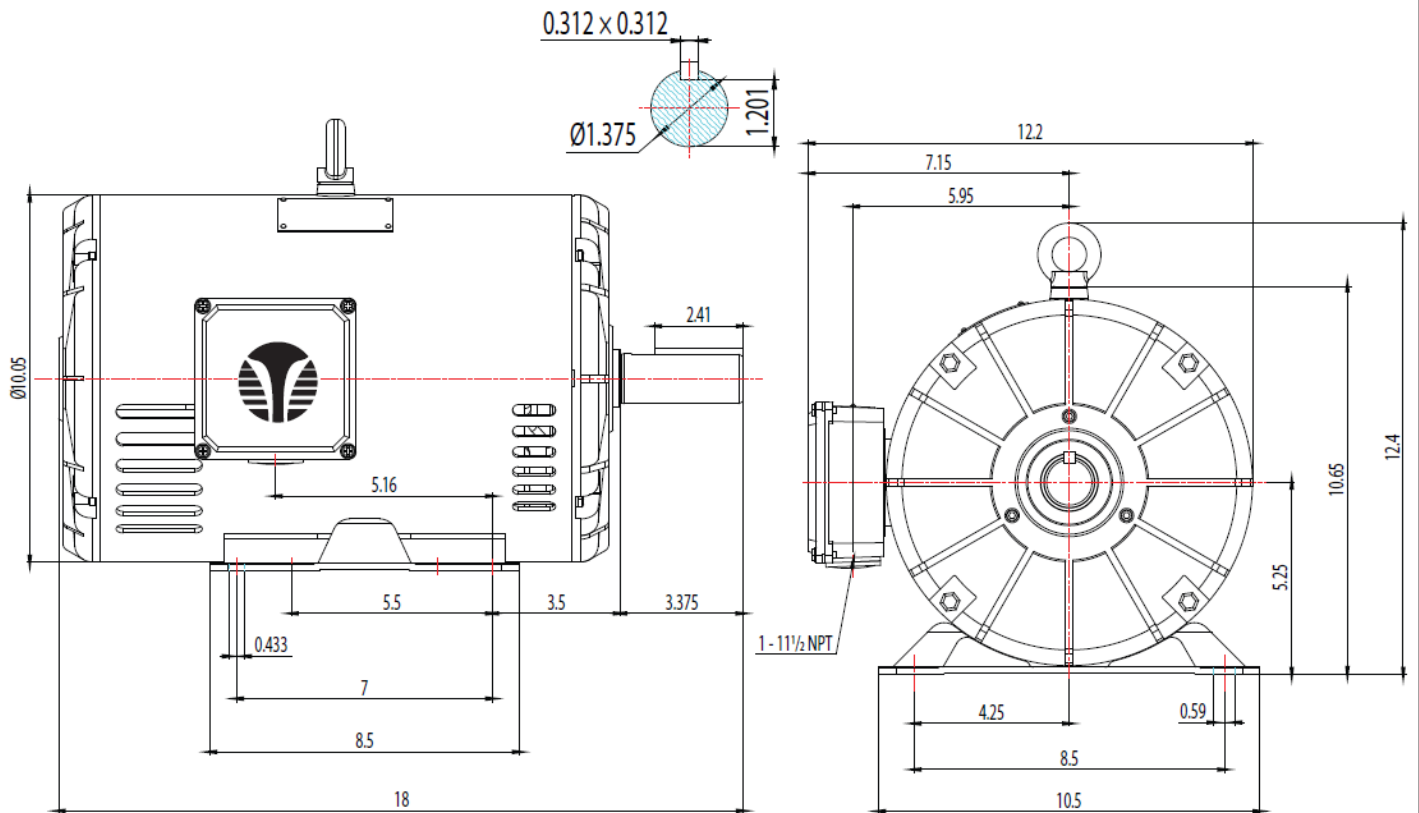
3 Phase - YY/Y - 9 Lead
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





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MFG PN	TXD213T7.5U4B
List Price	--
Base Frame	GR-213T-RS-OP

FRAME: 213T HP: RPM: PHASE: 3 VOLT: 208-230V ENCL: OPEN DRIP FREQ: 60 Hz FLA: LRA:



MODEL NUMBER:
GR3-RS-OP-213T-4-B-D-7.5

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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