

NEMA

Model Number:	GR3-CI-TF-215T-4-B-D-10
MFG PN:	TXC215T10U4B

Three Phase Cast Iron

Electrical Data		
Rated Motor Output Power	10	HP
	-	kW
Rated Motor Speed	1750	r/min 60Hz
	1445	r/min 50Hz
Rated Motor Voltage (+/-10%)	230/460	V/60Hz
	190/380	V/50Hz
Rated Motor Current	24/12	A (I _n) @ 60Hz
	30/15	A (I _n) @ 50Hz
Phase	3	Ø
Locked Rotor Current		A (I _n) @ 60Hz
FL Current @ 208V	26.54	A (I _n) @ 60Hz
Service Factor	1.25	@ 60Hz
	1	@ 50Hz
KVA Code	L	60Hz
	H	50Hz
Nominal Efficiency	91.7	% @ 60Hz
Nominal Power Factor	0.84	cosθ @ 60Hz
Number of Leads	9	-
Connection	YY/Y	-
Coil Resistance		Ω
Start Capacitor	-	μF/V
Run Capacitor	-	μF/V
Load*	Efficiency %	P.F.
50%		
75%		
100%		

Full Load Temperature Rise*		
Full Load Temperature Rise		°C @ 60Hz
		°C @ 50Hz

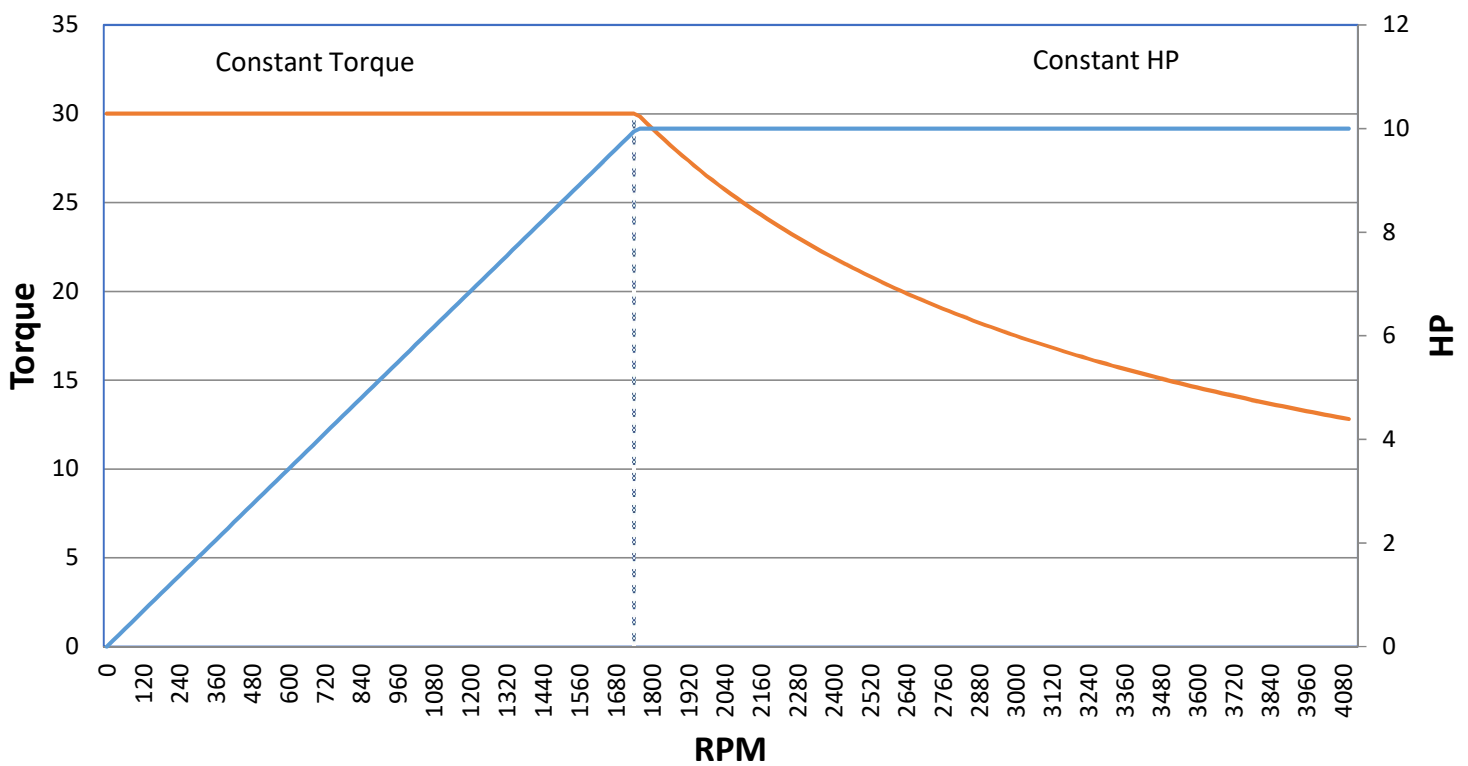
General Data		
Frame Size	215T	
Enclosure	TEFC	
Mounting	Rigid	
Approximate Weight	181.9125	lb
Frame Material	Cast Iron	
NEMA Design	A	
Ingress Protection	IP	55
Insulation Class	F	
Tropicalization	YES	
Duty	Cont. / S1	
Cable Entry	1-NPT 1"	
Feet Removable	YES	
Double Drilled	NO	
Paintwork	RAL	7024
	Graphite Gray	
Mechanical Data		
Bearing DE Side	6308ZZ	
Bearing NDE Side	6308ZZ	
Comp Ring (wavey washer)	NDE	
Moment of Inertia		lb-ft ²
Noise Level		dB (A)
Torque Values*	Torque lb-ft	% FLT
Locked Rotor Torque		
Pull-Up Torque		
Breakdown Torque		
Full Load		100

Site Conditions	
Ambient Temperature	-20°C to +40°C
Altitude Above Sea Level	1000m

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Rated RPM	1750

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Non-Sinusoidal (VFD) Output General Purpose NEMA 10 HP, 1750 RPM



 Rated RPM