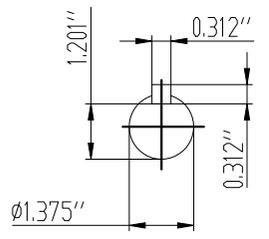
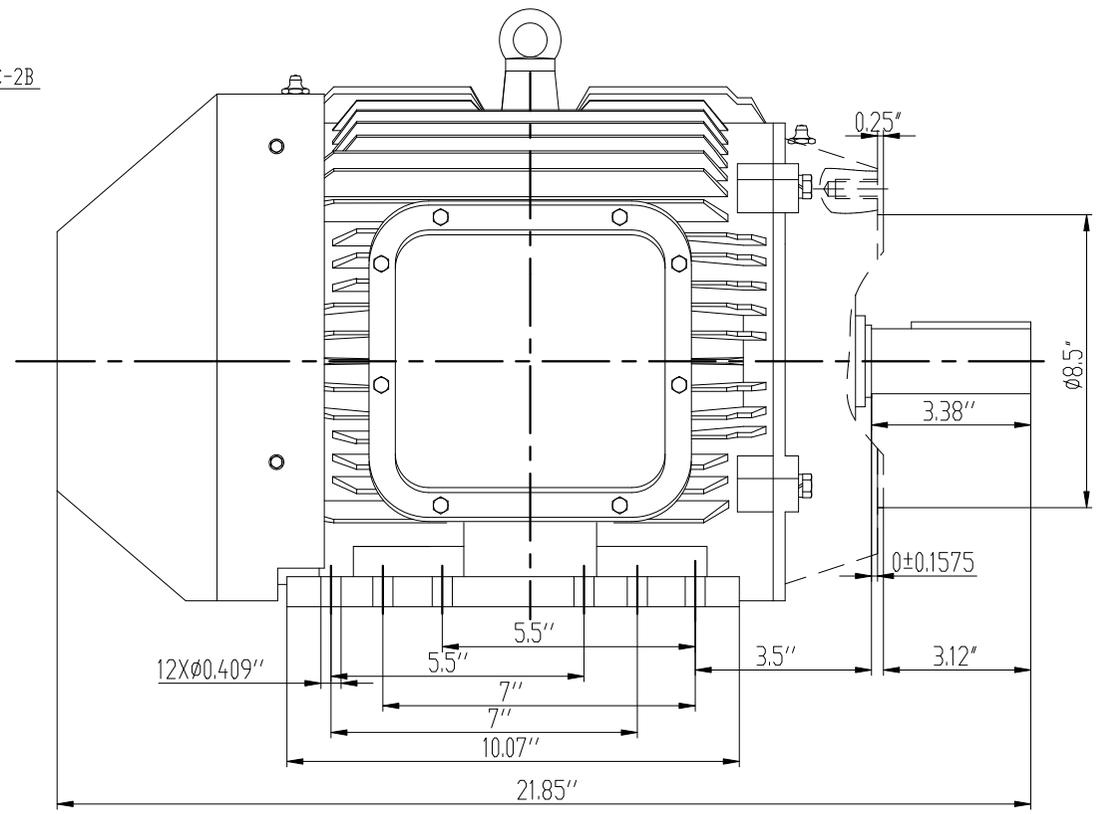
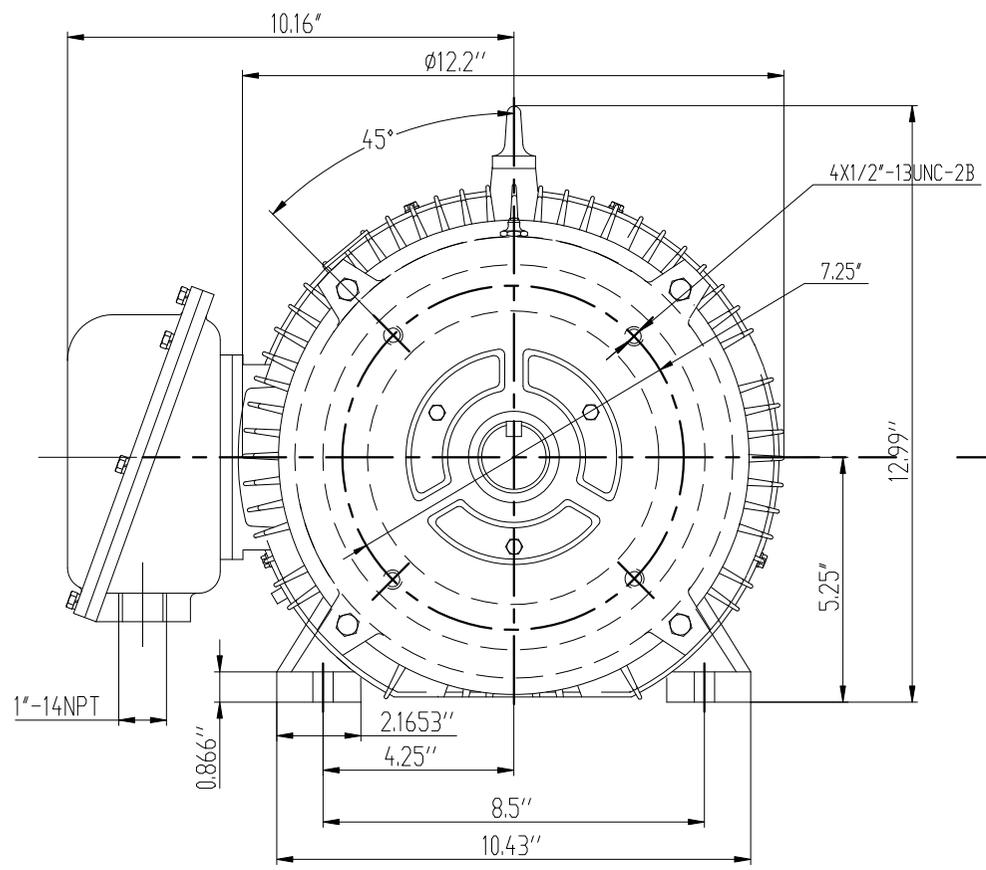


# Motor Data Sheet

Supplied To.				Type Code		Frame Ref.		
				MC6N003-9		213T		
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output		
Frame Material Cast Iron		Mounting F1/F2		3		Hp		
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply 460 V		
Item No.				L.R. PF 0.168		Connection type D		
Sales order / Line no.				Amps @460V 4.0				
Account No.				N.L. amps 2.3		Hertz 60		
Load (Hp)		Full	3/4	1/2	N.L. PF 0.2		Poles/rpm 6 / 1200	
Efficiency		89.5	89	87.5	Duty S1		Cooling Code TEFC/IC411	
Power Factor		0.71	0.71	0.70	Efficiency PREMIUM		Insulation F	
Amps (Ia) at 460V		4.0	3.3	2.3	Phase 3		Service Factor 1.15	
Speed (rpm)		1182	1184	1189	cos Ø 0.71		IP 55	
Speed / Torque Curve 				Noise pressure level at 1m no load 58 dB(A)		Temperature rise Class B		
				DE bearing Ref. 6208/C3		NDE bearing Ref. 6208/C3		Lubrication grease
FLT (Mn)				13.1		ft-lb		
LRT (DOL) (Ma/Mn)		1.6	FLT	20.7	Rotor inertia 0.035		kgm/sq	
LRT (DOL) 80% V		1.0	FLT	13.3	Vibration levels less than 1.8		mm/sec	
PUT (Ms/Mn)		0.7	FLT	9.3	Shaft details Ø 1.375" x 3.38"		LONG EXT'N	
POT (Mk/Mn)		3.4	FLT	45.2	T.Box entry 1"-11.5NPT			
Speed / Current Curve 				Motor weight (Approx. net) 255.78		lb		
LRC (DOL) (Ia/In)				6.4		FLC		
LRC (DOL) 80% V		3.9	FLC	15	L.R. Time hot 42.5		secs	
External inertia (WR^2)				KGM^2		L.R. Time cold 104.2		secs
No of starts/Hr with above inertia						A.R.T. 100% Volts 42.5		secs
Starting time with above inertia				Secs		A.R.T. 80% Volts 83.1		secs
Remarks						Number of terminals 3 wire		
						NEMA Design letter K		
						Maximum volts drop at start: 20%		
						Maximum Altitude 3300		ft
						Ambient temp range -20 - 40		°C
						Thermal time constant 90 Minutes		
						Direction of rotation CW/CCW/BI		
						Winding thermistors fitted As Option		°F
						Winding thermostats fitted As Option		°F
						Anti condensation heaters 1/120V/60W		Volts
						Drawing number 1AP.050.0391.5WXY		
						Certifying Authority CSA (C=US)		
						Certificate No.		
						Marking  Class 1 Div 2 Grps A,B,C,D		

1AP.050.0553.1-8WX



LET.	REVISION	BY	DATE
	DESIGN	REN XIADHUA	
	REVIEW	XIE XIADLONG	
	APPROVE	YU JIABIN	
	DATE	20170524	

NSHE210 MOTOR

F-1

1AP.050.0553.1-8WX

WEIGHT	SCALE
	1:1

**BROOK CROMPTON**  
Keeping Industry Turning