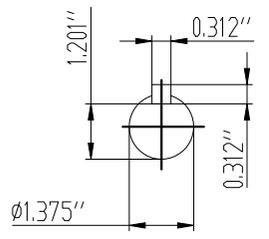
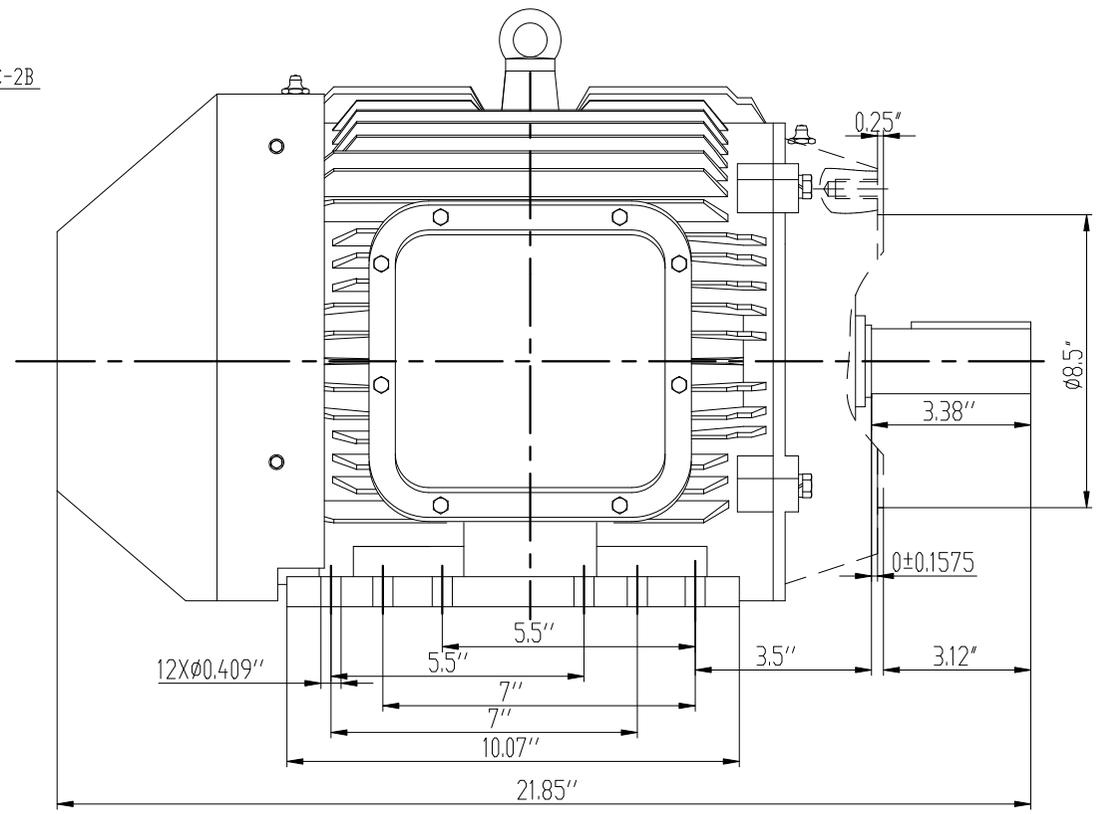
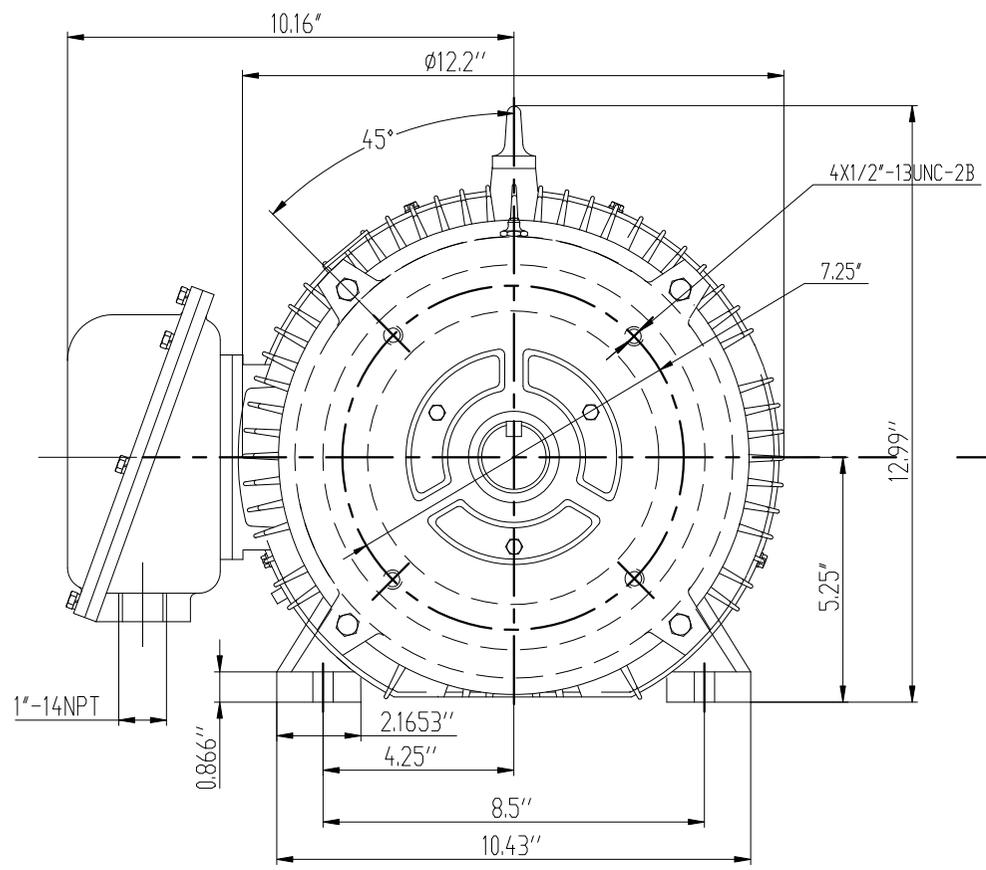


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC4N010-9		215T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		10		Hp	
All Data Below based on 460V @ 60hz				Variable torque 10:1 Constant torque 5:1		Supply	
Item No.				L.R. PF		460 V	
Sales order / Line no.				0.382		Connection type	
Account No.				N.L. amps		D	
Load (Hp)		Full	3/4	2		Hertz	
Efficiency		91.7	92	60		Poles/rpm	
Power Factor		0.82	0.82	0.2		4 / 1800	
Amps (Ia) at 460V		12.2	9.3	Duty		Cooling Code	
Speed (rpm)		1772	1779	S1		TEFC/IC411	
Speed / Torque Curve 				Efficiency		Insulation	
				PREMIUM		F	
FLT (Mn)				29.2		B	
LRT (DOL) (Ma/Mn)		1.8	FLT	52.4		Phase	
LRT (DOL) 80% V		1.1	FLT	33.5		Service Factor	
PUT (Ms/Mn)		0.9	FLT	26.3		cos Ø	
POT (Mk/Mn)		2.3	FLT	67.2		IP	
Noise pressure level at 1m no load				67		dB(A)	
DE bearing Ref.				6208/C3		Lubrication grease	
NDE bearing Ref.				6208/C3		Lubrication interval (hrs)	
Lubrication grease				DE 8470		NDE 8470	
Rotor inertia				0.073		kgm/sq	
Vibration levels less than				1.8		mm/sec	
Shaft details				Ø		1.375" x 3.38" LONG EXT'N	
T.Box entry				1"-11.5NPT		Motor weight (Approx. net)	
Speed / Current Curve 				L.R. Time hot		34.1	
LRC (DOL) (Ia/In)				5.4		FLC	
LRC (DOL) 80% V				3.2		FLC	
External inertia (WR^2)				KGM^2		Winding thermistors fitted	
No of starts/Hr with above inertia				As Option		Winding thermostats fitted	
Starting time with above inertia				Secs		As Option	
Remarks				Anti condensation heaters		1/120V/60W	
Drawing number				1AP.050.0391.4WXY		Certifying Authority	
Certifying Authority				CSA (C=US)		Certificate No.	
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

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