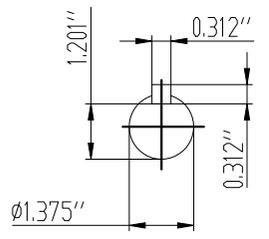
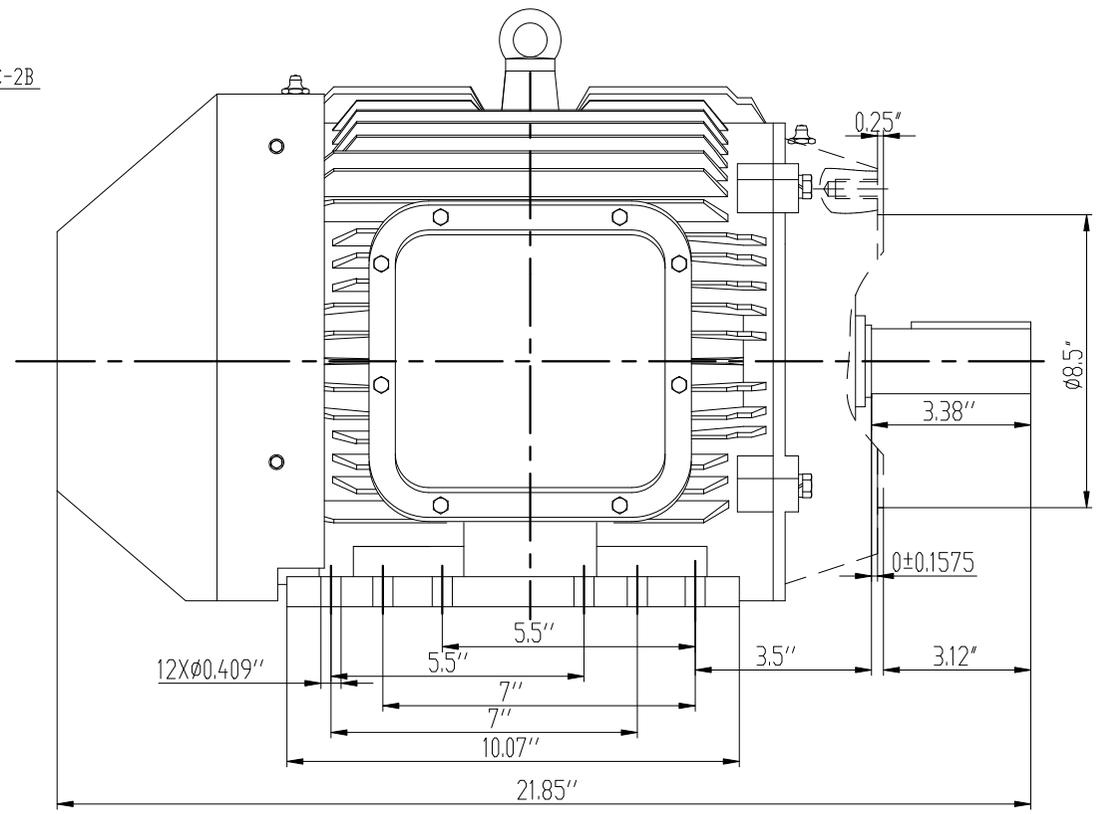
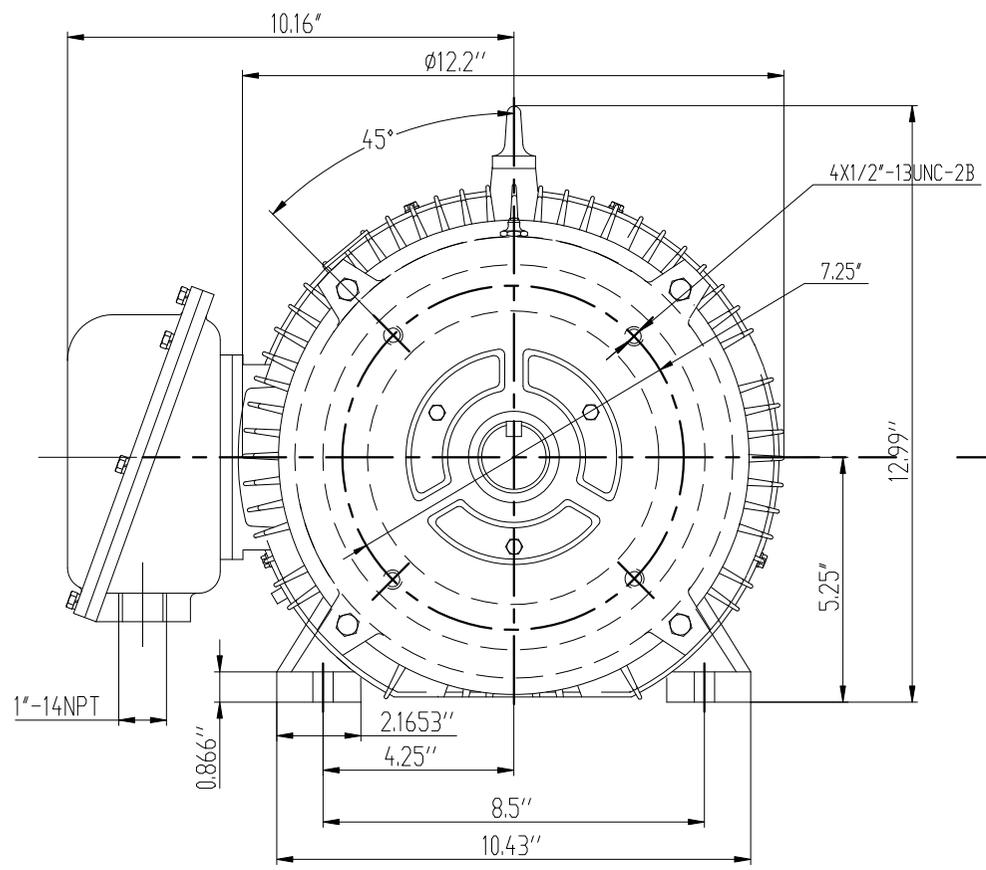


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC2N010-9		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	
Sales order / Line no.				0.337		V	
Account No.				Amps		Connection type	
Load (Hp)				3		D	
Efficiency				1.5		Hertz	
Power Factor				0.2		60	
Amps (Ia) at 460V				Duty		Cooling Code	
Speed (rpm)				S1		TEFC/IC411	
Speed / Torque Curve 				Efficiency		Temperature rise Class	
				PREMIUM		B	
FLT (Mn)				Insulation		Phase	
14.6				F		3	
LRT (DOL) (Ma/Mn)				Service Factor		cos Ø	
1.6				1.15		0.88	
LRT (DOL) 80% V				Noise pressure level at 1m no load		IP	
1.0				77		55	
PUT (Ms/Mn)				DE bearing Ref.		Lubrication grease	
0.8				6208/C3		Lubrication interval (hrs)	
POT (Mk/Mn)				NDE bearing Ref.		DE 5030	
2.6				6208/C3		NDE 5030	
Rotor inertia				Vibration levels less than		Shaft details	
0.038				1.8		Ø 1.375" x 3.38" LONG EXT'N	
T.Box entry				T.Box entry		1"-11.5NPT	
Motor weight (Approx. net)				257.985		lb	
Speed / Current Curve 				L.R. Time hot		28.5	
				secs		L.R. Time cold	
LRC (DOL) (Ia/In)				A.R.T. 100% Volts		28.5	
6.1				secs		A.R.T. 80% Volts	
FLC				89.0		secs	
amps				Number of terminals		3 wire	
LRC (DOL) 80% V				NEMA Design letter		H	
3.5				FLC		40	
amps				Maximum volts drop at start:		20%	
External inertia (WR^2)				Maximum Altitude		3300	
KGM^2				ft		Ambient temp range	
No of starts/Hr with above inertia				-20		- 40	
Starting time with above inertia				°C		Thermal time constant	
Secs				90 Minutes		Direction of rotation	
Remarks				CW/CCW/BI		Winding thermistors fitted	
Certifying Authority				As Option		°F	
Certificate No.				As Option		°F	
Marking				Anti condensation heaters		1/120V/60W	
Class 1 Div 2 Grps A,B,C,D				Drawing number		1AP.050.0391.2WXY	

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