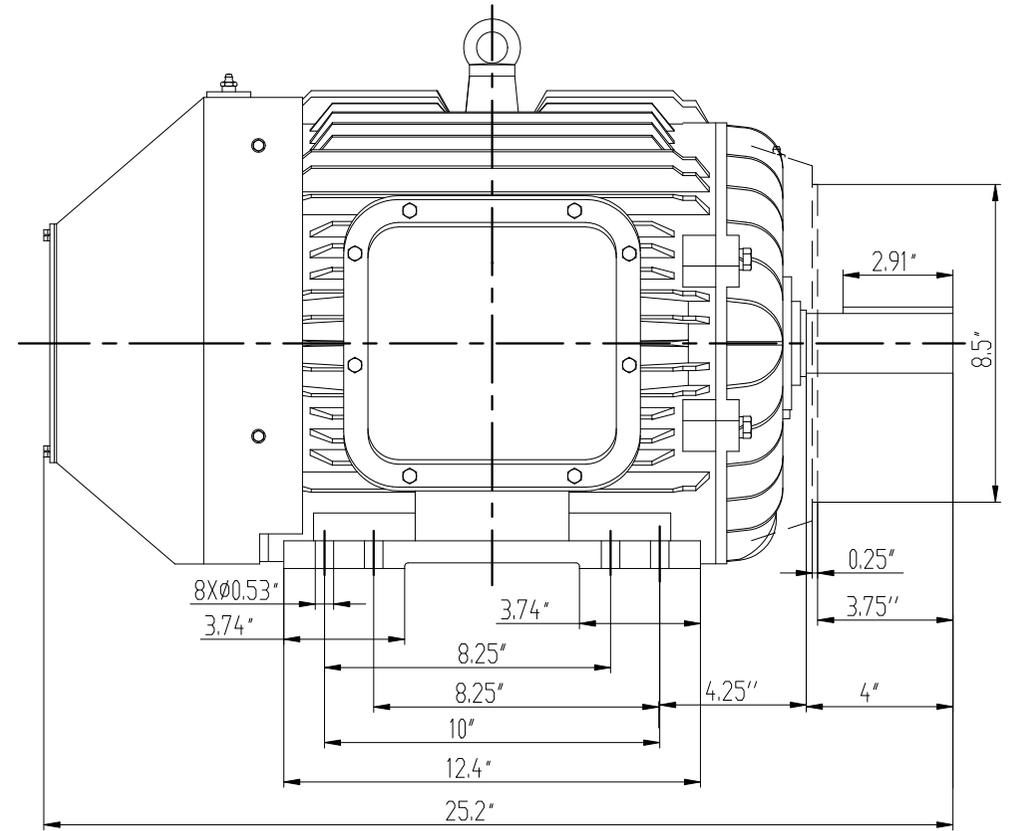
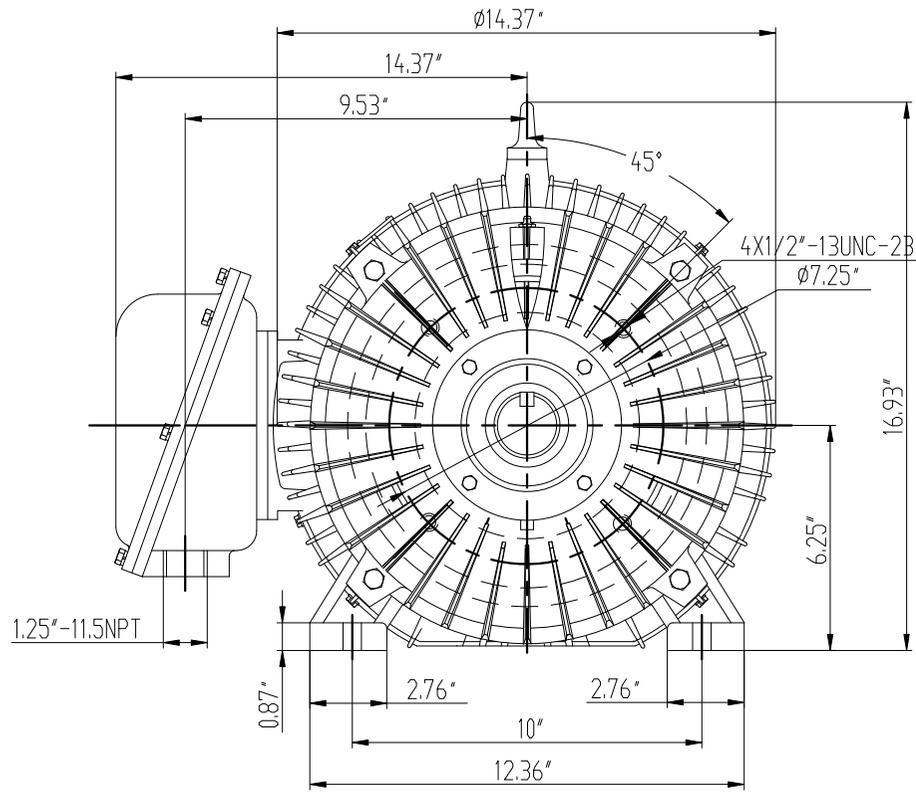


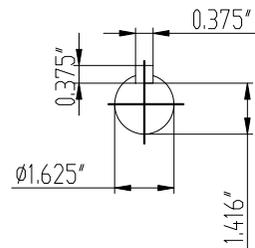
Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC4N020-9		256T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		20		Hp	
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply	
Item No.				L.R. PF		460	
Sales order / Line no.				0.365		V	
Account No.				Amps		@460V	
Load (Hp)		Full	3/4	23.0		23.0	
Efficiency		93	92	Hertz		60	
Power Factor		0.87	0.88	N.L. amps		3.5	
Amps (Ia) at 460V		23.0	17.3	N.L. PF		0.2	
Speed (rpm)		1777	1783	Duty		S1	
Speed / Torque Curve 				Cooling Code		TEFC/IC411	
				Efficiency		Insulation	
FLT (Mn)		58.4		PREMIUM		F	
LRT (DOL) (Ma/Mn)		1.7	FLT	3		Service Factor	
LRT (DOL) 80% V		1.1	FLT	1.15		cos Ø	
PUT (Ms/Mn)		0.8	FLT	0.87		IP	
POT (Mk/Mn)		2.2	FLT	55		Noise pressure level at 1m no load	
DE bearing Ref.				6309/C3			
NDE bearing Ref.				6209/C3			
Lubrication grease				Lubrication interval (hrs)			
DE 7740				NDE 8190			
Rotor inertia				0.18			
Vibration levels less than				1.8			
Shaft details				Ø 1.625" x 4" LONG EXT'N			
T.Box entry				1-1/4"NPT			
Speed / Current Curve 				Motor weight (Approx. net)		368.235	
LRC (DOL) (Ia/In)				L.R. Time hot		23.1	
5.7				L.R. Time cold		56.8	
FLC				A.R.T. 100% Volts		23.1	
335.0				A.R.T. 80% Volts		42.9	
amps				Number of terminals		3 wire	
LRC (DOL) 80% V				NEMA Design letter		G	
3.2				Maximum volts drop at start:		20%	
FLC				Maximum Altitude		3300	
74				Ambient temp range		-20 - 40	
amps				Thermal time constant		90 Minutes	
External inertia (WR^2)				Direction of rotation		CW/CCW/BI	
KGM^2				Winding thermistors fitted		As Option	
No of starts/Hr with above inertia				Winding thermostats fitted		As Option	
Starting time with above inertia				Anti condensation heaters		1/120V/75W	
Secs				Drawing number		1AP.050.0392.4WXY	
Remarks				Certifying Authority		CSA (C=US)	
				Certificate No.			
				Marking		 Class 1 Div 2 Grps A,B,C,D	

1AP.050.0554.1-8WX



MODEL
NSHE254T/TC-2 15HP
NSHE256T/TC-2 20HP
NSHE254T/TC-4 15HP
NEHE256T/TC-4 20HP
NSHE254T/TC-6 7.5HP
NSHE256T/TC-6 10HP
NSHE254T/TC-8 5HP
NSHE256T/TC-8 7.5HP



LET	REVISION	BY	DATE
DESIGN	REN XIADHUA		
REVIEW	XIE XIADLONG		
APPROVE	YU JIABIN		
DATE	20170522		

NSHE250 MOTOR

F-1

1AP.050.0554.1-8WX

WEIGHT	SCALE
	1:1

