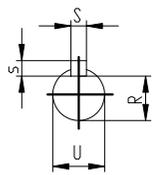
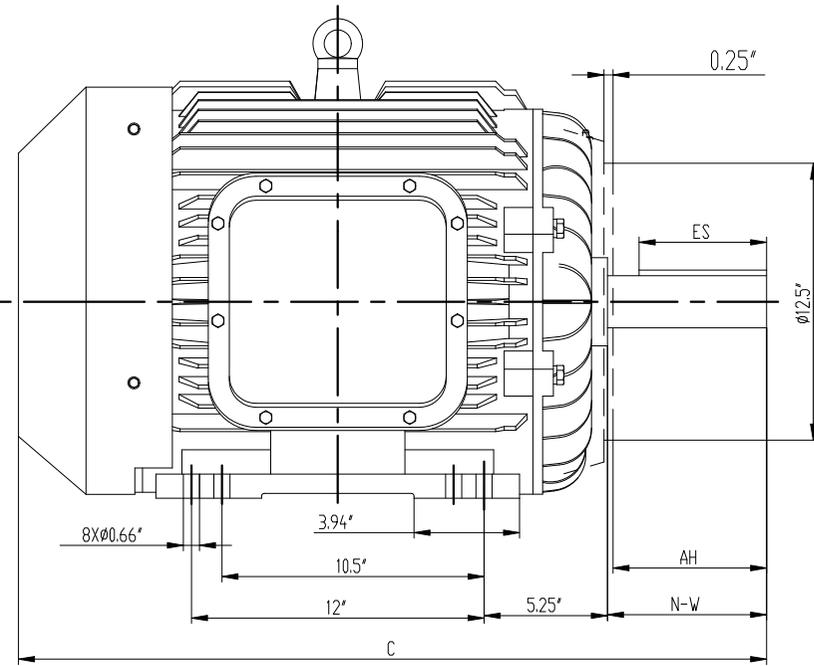
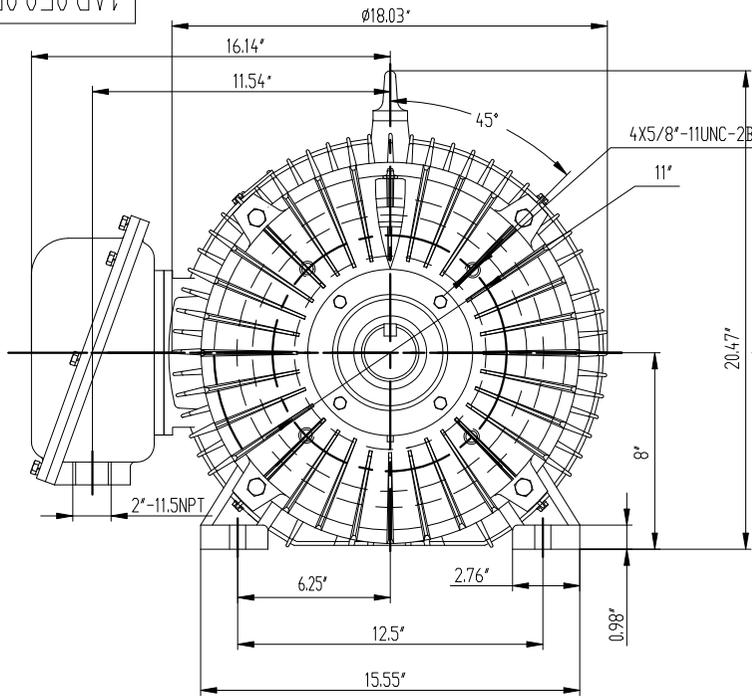


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC2N050-9		326TS	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		50		Hp	
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply 460	
Item No.				L.R. PF 0.286		Connection type D	
Sales order / Line no.				Amps @460V 54.0			
Account No.				N.L. amps 8.4		Hertz 60	
Load (Hp)		Full	3/4	1/2	N.L. PF 0.2		Poles/rpm 2 / 3600
Efficiency		93	93	92.4	Duty S1		Cooling Code TEFC/IC411
Power Factor		0.88	0.88	0.87	Efficiency PREMIUM		Insulation F
Amps (Ia) at 460V		54.0	42.8	28.9	Phase 3		Service Factor 1.15
Speed (rpm)		3573	3580	3586	cos Ø 0.88		IP 55
Speed / Torque Curve 				Noise pressure level at 1m no load 86		dB(A)	
				DE bearing Ref. 6312/C3		NDE bearing Ref. 6312/C3	
FLT (Mn)				72.9	ft-lb		Lubrication grease
LRT (DOL) (Ma/Mn)		1.5	FLT	109.8	ft-lb		Lubrication interval (hrs)
LRT (DOL) 80% V		1.0	FLT	70.3	ft-lb		DE 3040 NDE 3040
PUT (Ms/Mn)		0.8	FLT	61.4	ft-lb		Rotor inertia 0.18
POT (Mk/Mn)		3.0	FLT	216.1	ft-lb		Vibration levels less than 2.2
				Shaft details		Ø 1.875" x 3.75" LONG EXT'N	
				T.Box entry		2"-11.5NPT	
				Motor weight (Approx. net)		670.32	
				L.R. Time hot		40.2	
				L.R. Time cold		68.9	
				A.R.T. 100% Volts		40.2	
				A.R.T. 80% Volts		64.7	
				Number of terminals		3 wire	
				NEMA Design letter		G	
				Maximum volts drop at start:		20%	
				Maximum Altitude		3300	
				Ambient temp range		-20 - 40 °C	
				Thermal time constant		90 Minutes	
				Direction of rotation		CW/CCW/BI	
				Winding thermistors fitted		As Option	
				Winding thermostats fitted		As Option	
				Anti condensation heaters		1/120V/75W	
LRC (DOL) (Ia/In)		5.8	FLC	424.8	amps		Drawing number 1AP.050.0252.2WXY
LRC (DOL) 80% V		3.6	FLC	197	amps		Certifying Authority CSA (C=US)
External inertia (WR^2)				KGM^2			
No of starts/Hr with above inertia							
Starting time with above inertia				Secs			
Remarks							

1AP.050.0556.1-12WXY



MODEL	ES	U	R	N-W	S	C	AH
NSHE324TS/TSC-2 40HP	2.05"	1.875"	1.591"	3.75"	0.5"	30.3"	3.5"
NSHE326TS/TSC-2 50HP	2.05"	1.875"	1.591"	3.75"	0.5"	30.3"	3.5"
NSHE324T/TC-2 40HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE326T/TC-2 50HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE324TS/TSC-4 40HP	2.05"	1.875"	1.591"	3.75"	0.5"	30.3"	3.5"
NSHE326TS/TSC-4 50HP	2.05"	1.875"	1.591"	3.75"	0.5"	30.3"	3.5"
NSHE324T/TC-4 40HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE326T/TC-4 50HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE324T/TC-6 25HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE326T/TC-6 30HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSHE324T/TC-8 20HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"
NSH326T/TC-8 25HP	3.93"	2.125"	1.845"	5.25"	0.5"	31.9"	5"

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

NSHE320 MOTOR

F-1

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WEIGHT	SCALE
	1:1

