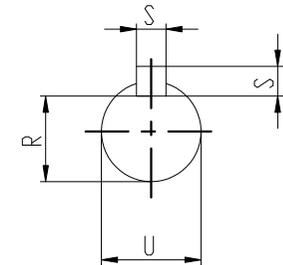
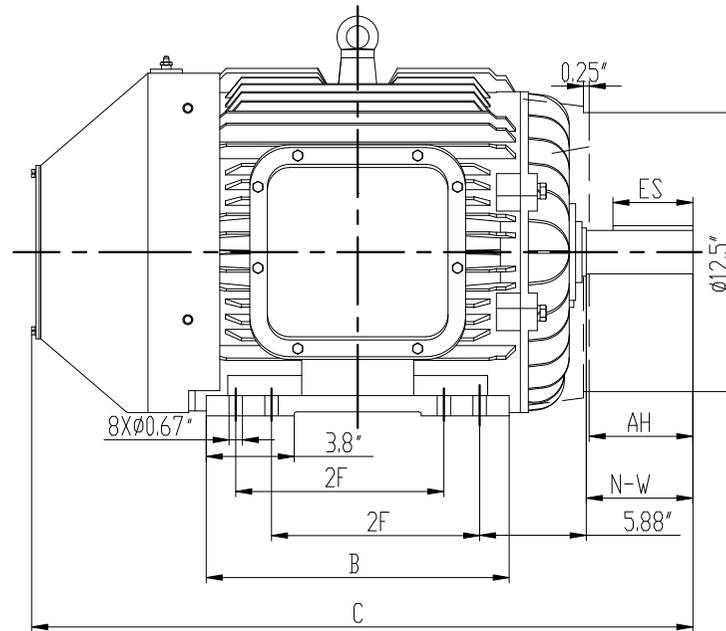
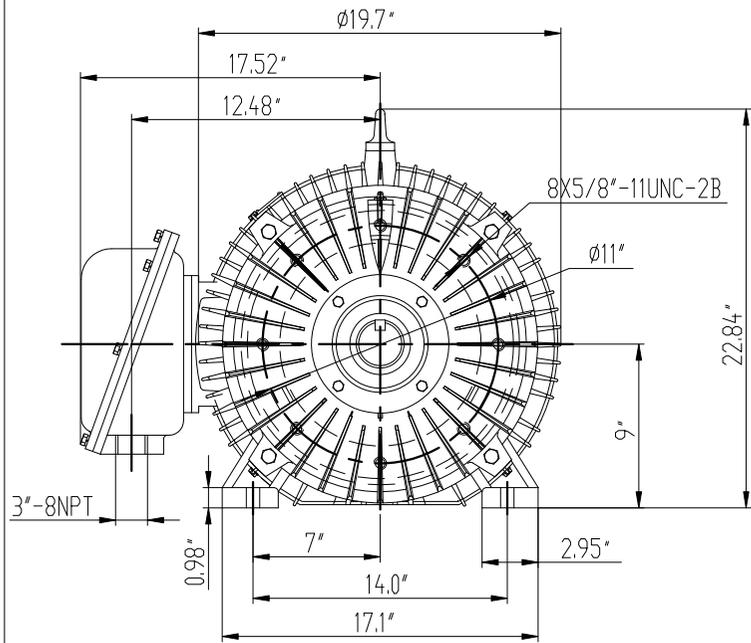


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC6N040-9		364T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		40		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 0.334		Connection type D	
Sales order / Line no.				Amps @460V 56.5			
Account No.				N.L. amps 8.5		Hertz 60	
Load (Hp)		Full	3/4	1/2	N.L. PF 0.2		Poles/rpm 6 / 1200
Efficiency		94.1	94.3	93.9	Duty S1		Cooling Code TEFC/IC411
Power Factor		0.83	0.83	0.82	Efficiency PREMIUM		Insulation F
Amps (Ia) at 460V		56.5	35.9	24.2	Phase 3		Service Factor 1.15
Speed (rpm)		1188	1191	1194	cos Ø 0.83		IP 55
Speed / Torque Curve 				Temperature rise Class B		Noise pressure level at 1m no load 66 dB(A)	
				DE bearing Ref. 6314/C3		NDE bearing Ref. 6314/C3	
FLT (Mn)				175.1		ft-lb	
LRT (DOL) (Ma/Mn)		1.7	FLT	300.9	Rotor inertia 0.65		kgm/sq
LRT (DOL) 80% V		1.1	FLT	192.6	Vibration levels less than 2.2		mm/sec
PUT (Ms/Mn)		0.9	FLT	151.7	Shaft details Ø 2.375" x 5.88"		LONG EXT'N
POT (Mk/Mn)		2.3	FLT	397.6	T.Box entry 3"-8NPT		
Speed / Current Curve 				Motor weight (Approx. net) 921.69		lb	
LRC (DOL) (Ia/In)				5.4		FLC 944.5	
LRC (DOL) 80% V		3.2	FLC	178	L.R. Time hot 37.9		secs
External inertia (WR^2)				KGM^2		L.R. Time cold 93.1	
No of starts/Hr with above inertia						A.R.T. 100% Volts 37.9	
Starting time with above inertia				Secs		A.R.T. 80% Volts 67	
Remarks						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 °F	
						Winding thermostats fitted As Option °F	
						Anti condensation heaters 1/120V/75W Volts	
						Drawing number 1AP.050.0253.9WXY	
						Certifying Authority CSA (C=US)	
						Certificate No.	
						Marking  Class 1 Div 2 Grps A,B,C,D	

1AP.050.0557.1-12WXY



MODEL	U	R	S	N-W	C	ES	AH	2F	B
NSHE364TS/TSC-2 60HP	1.875"	1.591"	0.5"	3.75"	34.84"	2.05"	3.5"	11.25"	15.47"
NSHE365TS/TSC-2 75HP					37.72"			12.25"	17.24"
NSHE364T/TC-2 60HP	2.375"	2.021"	0.625"	5.88"	34.84"	4.29"	5.62"	11.25"	15.47"
NSHE365T/TC-2 75HP					37.72"			12.25"	17.24"
NSHE364TS/TSC-4 60HP	1.875"	1.591"	0.5"	3.75"	34.84"	2.05"	3.5"	11.25"	15.47"
NSHE365TS/TSC-4 75HP					37.72"			12.25"	17.24"
NSHE364T/TC-4 60HP	2.375"	2.021"	0.625"	5.88"	34.84"	4.29"	5.62"	11.25"	15.47"
NSHE365T/TC-4 75HP					37.72"			12.25"	17.24"
NSHE364T/TC-6 40HP	2.375"	2.021"	0.625"	5.88"	34.84"	4.29"	5.62"	11.25"	15.47"
NSHE365T/TC-6 50HP					37.72"			12.25"	17.24"
NSHE364T/TC-8 30HP	2.375"	2.021"	0.625"	5.88"	34.84"	4.29"	5.62"	11.25"	15.47"
NSHE365T/TC-8 40HP					37.72"			12.25"	17.24"

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

NSHE360 MOTOR

F-1

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WEIGHT	SCALE
	1:1

