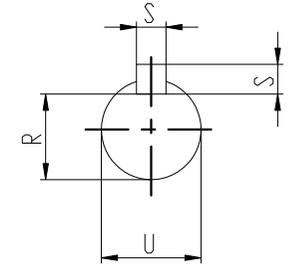
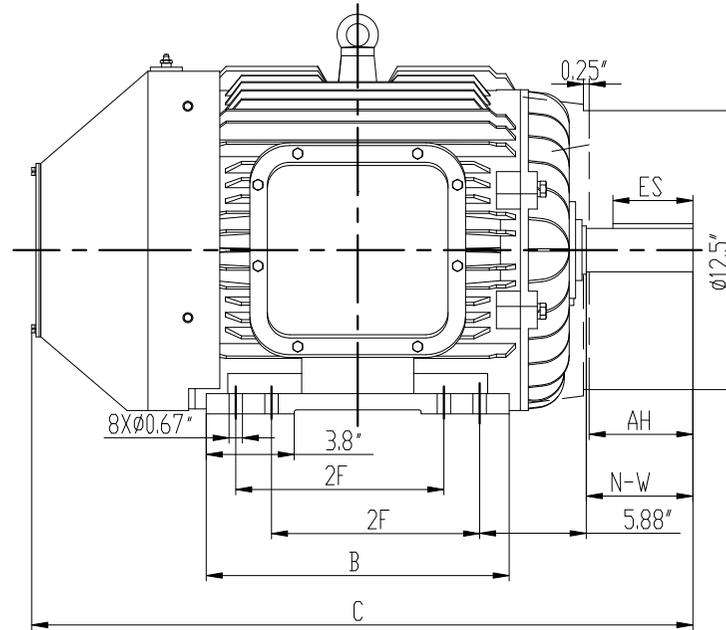
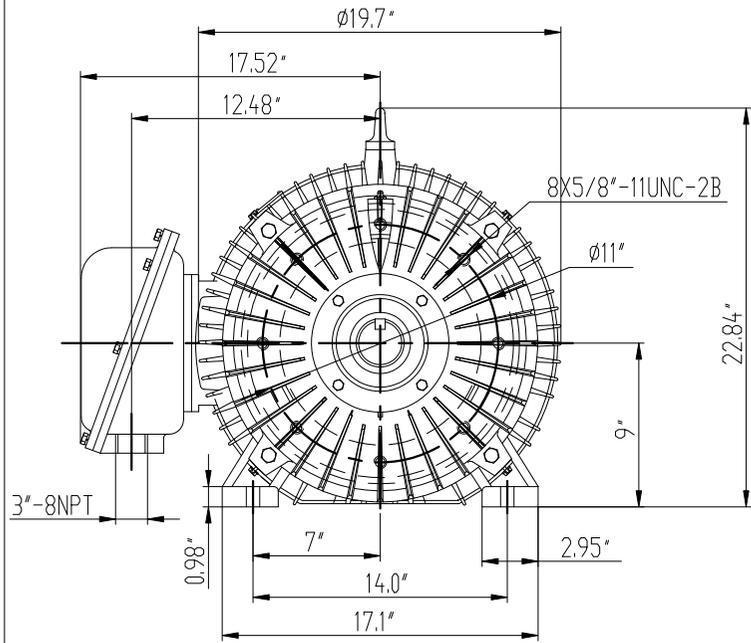


# Motor Data Sheet

Supplied To.				Type Code <i>MC6N050-9</i>		Frame Ref. 365T	
Manufacturing Standard <i>NEMA MG-1, IEEE841</i>				Starting Method		Output 50 Hp	
Frame Material <i>Cast Iron</i>		Mounting <i>F1/F2</i>		Supply 460 V		Connection type D	
All Data Below based on 460V @ 60hz				VFD Duty <i>Variable torque 10:1 Constant torque 5:1</i>			
Item No.				L.R. PF 0.346		Amps @460V 55.0	
Sales order / Line no.				N.L. amps 10.8		Hertz 60	
Account No.				N.L. PF 0.2		Poles/rpm 6 / 1200	
Load (Hp)		Full	3/4	1/2	Duty S1		Cooling Code TEFC/IC411
Efficiency		94.5	94.6	94.2	Efficiency <i>PREMIUM</i>		Insulation <i>F</i>
Power Factor		0.85	0.85	0.85	Phase 3		Service Factor 1.15
Amps (Ia) at 460V		55.0	43.7	29.4	cos Ø 0.83		IP 55
Speed (rpm)		1193	1191	1194	Noise pressure level at 1m no load 66 dB(A)		
Speed / Torque Curve 				Temperature rise Class <i>B</i>			
				DE bearing Ref. 6314/C3		NDE bearing Ref. 6314/C3	
FLT (Mn)				218.8	ft-lb	Lubrication interval (hrs) <i>DE 7680 NDE 7680</i>	
LRT (DOL) (Ma/Mn)		1.9	FLT	406.4	ft-lb	Rotor inertia 0.72 kgm/sq	
LRT (DOL) 80% V		1.2	FLT	260.1	ft-lb	Vibration levels less than 2.2 mm/sec	
PUT (Ms/Mn)		0.9	FLT	197.9	ft-lb	Shaft details Ø 2.375" x 5.88" LONG EXT'N	
POT (Mk/Mn)		2.3	FLT	503.8	ft-lb	T.Box entry 3"-8NPT	
				Motor weight (Approx. net)		681.345 lb	
Speed / Current Curve 				L.R. Time hot		31.1 secs	
				L.R. Time cold		76.4 secs	
LRC (DOL) (Ia/In)				5.6	FLC	1223.7	amps
LRC (DOL) 80% V		3.2	FLC	178	amps	A.R.T. 80% Volts 56.9 secs	
External inertia (WR^2)				KGM^2			
No of starts/Hr with above inertia							
Starting time with above inertia				Secs			
Remarks							
				Direction of rotation <i>CW/CCW/BI</i>		Ambient temp range -20 - 40 °C	
				Thermal time constant <i>90 Minutes</i>		Maximum volts drop at start: 20%	
				Winding thermistors fitted <i>As Option</i>		Maximum Altitude 3300 ft	
				Winding thermostats fitted <i>As Option</i>		Thermal time constant <i>90 Minutes</i>	
				Anti condensation heaters <i>1/120V/75W</i>		Direction of rotation <i>CW/CCW/BI</i>	
				Drawing number <i>1AP.050.0253.10WXY</i>		Winding thermistors fitted <i>As Option</i>	
				Certifying Authority <i>CSA (C=US)</i>		Winding thermostats fitted <i>As Option</i>	
				Certificate No.		Anti condensation heaters <i>1/120V/75W</i>	
				Marking 		Drawing number <i>1AP.050.0253.10WXY</i>	
						Certifying Authority <i>CSA (C=US)</i>	
						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

1AP.050.0557.1-12WXY

WEIGHT	SCALE
	1:1

