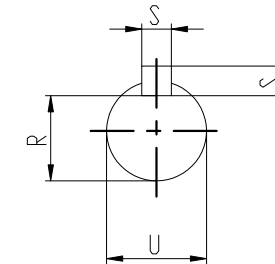
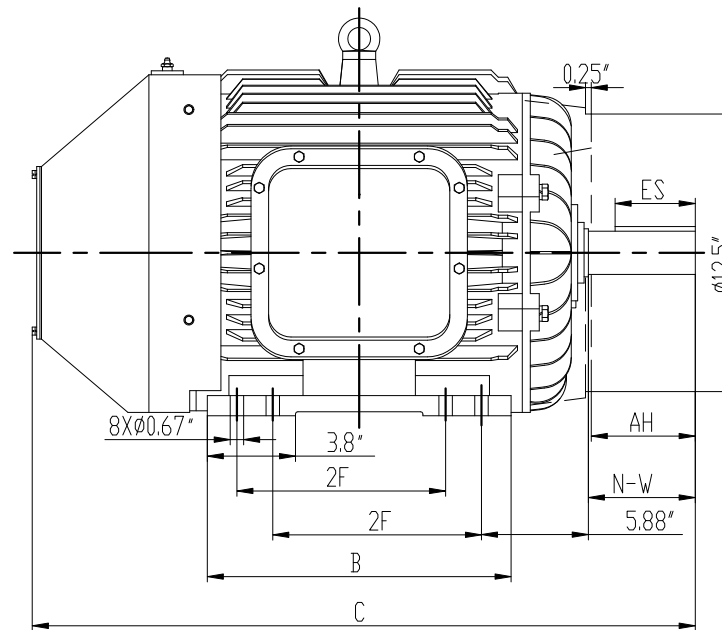
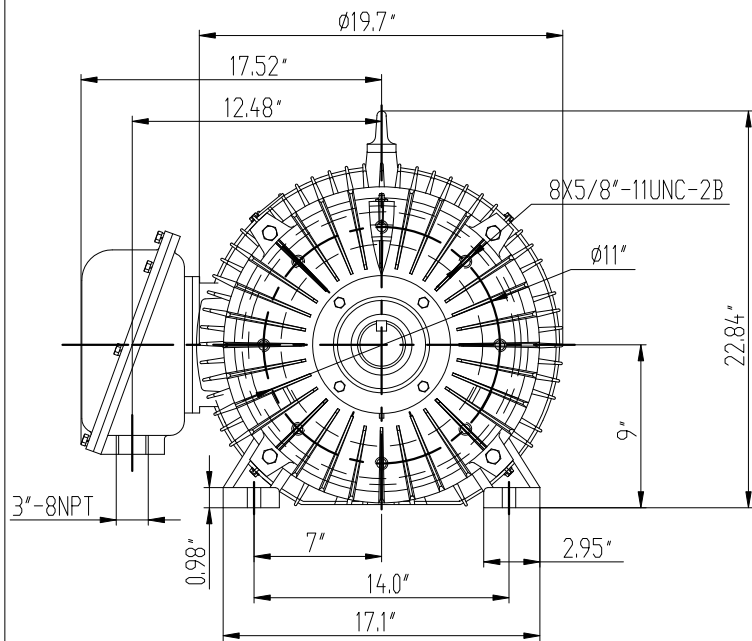


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC2N060-9		364TS	
				Starting Method			
Manufacturing Standard NEMA MG-1, IEEE841				Output 60 Hp		Supply 460 V	
Frame Material Cast Iron		Mounting F1/F2		VFD Duty Variable torque 10:1 Constant torque 5:1		Connection type D	
All Data Below based on 460V @ 60hz				L.R. PF 0.238		Amps @460V 68.0	
Item No.				N.L. amps 9.8		Hertz 60	
Sales order / Line no.				N.L. PF 0.2		Poles/rpm 2 / 3600	
Account No.				Duty S1		Cooling Code TEFC/IC411	
Load (Hp)	Full	3/4	1/2	Efficiency PREMIUM	Insulation F	Temperature rise Class B	
Efficiency	93.6	93.6	93.1	Phase 3	Service Factor 1.15	cos Ø 0.88	IP 55
Power Factor	0.88	0.88	0.88	Noise pressure level at 1m no load 88 dB(A)			
Amps (Ia) at 460V	68.0	51.1	34.4	DE bearing Ref. 6314/C3			
Speed (rpm)	3573	3580	3586	NDE bearing Ref. 6314/C3			
Speed / Torque Curve 				Lubrication grease			
				Lubrication interval (hrs) DE 2380 NDE 2380			
				Rotor inertia 0.32 kgm/sq			
Speed / Current Curve 				Vibration levels less than 2.2 mm/sec			
FLT (Mn) 87.5 ft-lb LRT (DOL) (Ma/Mn) 1.2 FLT 100.7 ft-lb LRT (DOL) 80% V 0.7 FLT 64.4 ft-lb PUT (Ms/Mn) 0.6 FLT 55.9 ft-lb POT (Mk/Mn) 2.8 FLT 249.3 ft-lb				Shaft details Ø 1.875" x 3.75" LONG EXT'N T.Box entry 3"-8NPT			
				Motor weight (Approx. net) 895.23 lb			
				L.R. Time hot 50.2 secs			
				L.R. Time cold 85.9 secs			
				A.R.T. 100% Volts 50.2 secs			
				A.R.T. 80% Volts 81.4 secs			
				Number of terminals 3 wire			
				NEMA Design letter G			
				Maximum volts drop at start: 20%			
				Maximum Altitude 3300 ft			
				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			
LRC (DOL) (Ia/In) 5.7 FLC 495.4 amps				Anti condensation heaters 1/120V/76W Volts			
LRC (DOL) 80% V 3.5 FLC 239 amps				Drawing number 1AP.050.0253.1WXY			
External inertia (WR^2) KGM^2				Certifying Authority CSA (C=US)			
No of starts/Hr with above inertia				Certificate No.			
Starting time with above inertia Secs				Marking Class 1 Div 2 Grps A,B,C,D			
Remarks							

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"

				1AP.050.0557.1-12WXY	
				WEIGHT	SCALE
					1:1
				NSHE360 MOTOR	
				F-1	
				BROOK CROMPTON Keeping Industry Turning	

LET	REVISION	BY	DATE
DESIGN	REN	XIAOHUA	
REVIEW	XIE	XIAOLONG	
APPROVE	YU	JIABIN	
DATE	20170522		