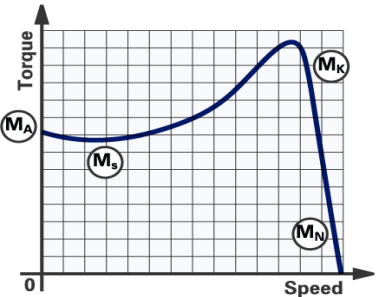
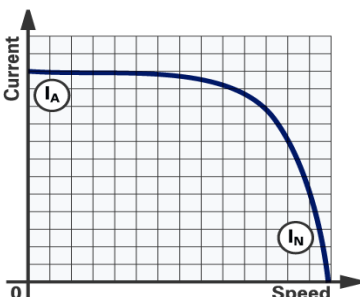
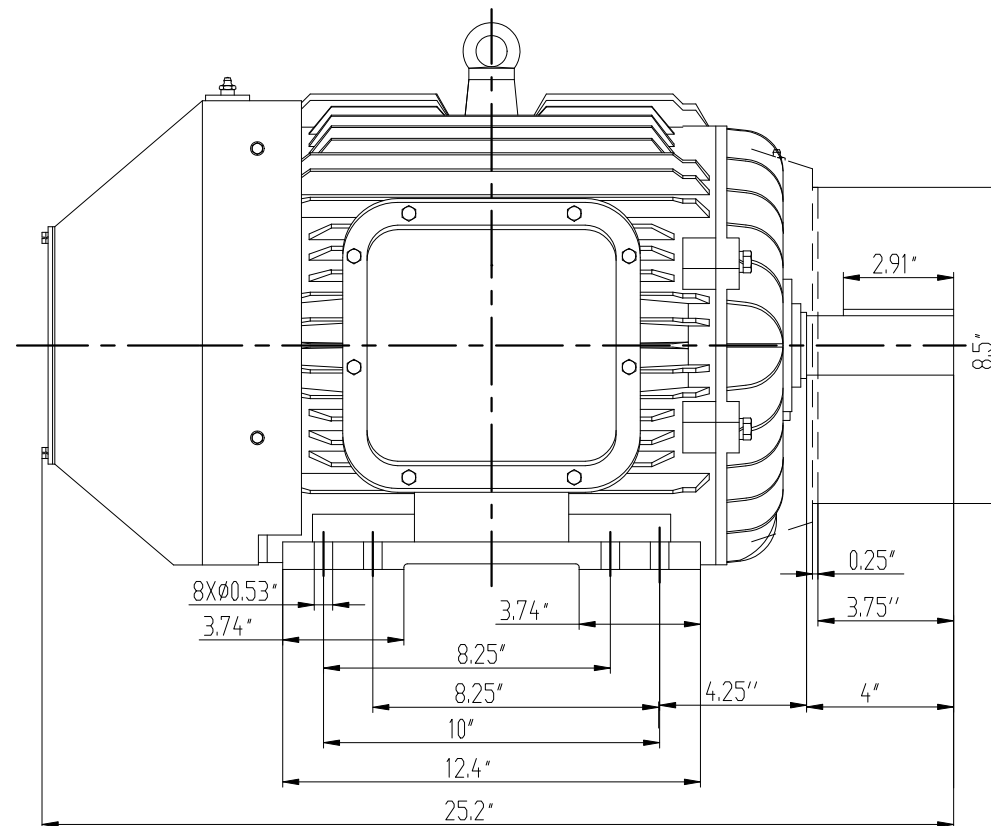
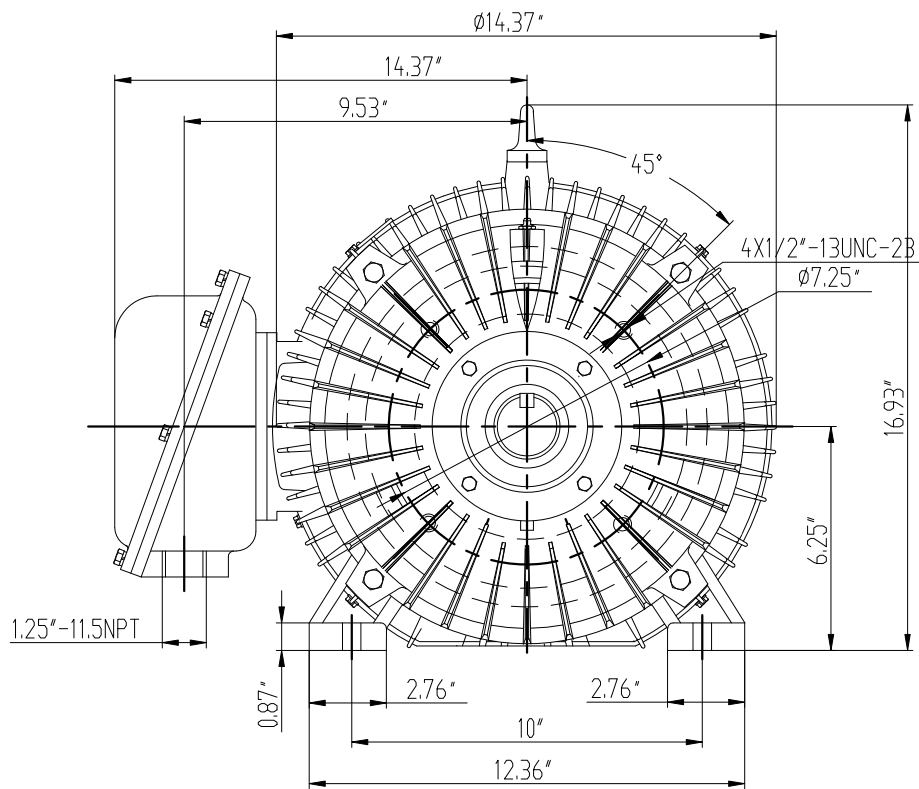


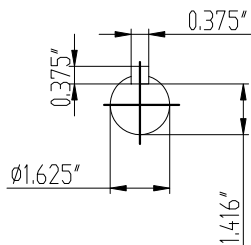
Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC6N7.5-9		254T	
				Starting Method			
Manufacturing Standard NEMA MG-1, IEEE841				Output 7.5 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 0.376		Amps @460V 12.5	
Item No.				N.L. amps 2.2		Hertz 60	
Sales order / Line no.				N.L. PF 0.2		Poles/rpm 6 / 1200	
Account No.				Duty S1		Cooling Code TEFC/IC411	
Load (Hp)	Full	3/4	1/2	Efficiency PREMIUM	Insulation F	Temperature rise Class B	
Efficiency	91	91	89	Phase 3	Service Factor 1.15	cos Ø 0.78	IP 55
Power Factor	0.78	0.78	0.76	Noise pressure level at 1m no load 60 dB(A)			
Amps (Ia) at 460V	12.5	7.4	5.2	DE bearing Ref. 6309/C3			
Speed (rpm)	1186	1191	1194	NDE bearing Ref. 6209/C3			
Speed / Torque Curve 				Lubrication grease			
				Lubrication interval (hrs) DE 8760 NDE 8760			
FLT (Mn) 32.8 ft-lb				Rotor inertia 0.06 kgm/sq			
LRT (DOL) (Ma/Mn) 1.6 FLT 51.9 ft-lb				Vibration levels less than 1.8 mm/sec			
LRT (DOL) 80% V 1.0 FLT 33.2 ft-lb				Shaft details Ø 1.625" x 4" LONG EXT'N			
PUT (Ms/Mn) 0.8 FLT 25.4 ft-lb				T.Box entry 1-1/4"NPT			
POT (Mk/Mn) 2.6 FLT 84.0 ft-lb							
Speed / Current Curve 				Motor weight (Approx. net) 352.8 lb			
LRC (DOL) (Ia/In) 5.9 FLC 192.7 amps				L.R. Time hot 31.3 secs			
				L.R. Time cold 76.7 secs			
LRC (DOL) 80% V 3.5 FLC 44 amps				A.R.T. 100% Volts 31.3 secs			
				A.R.T. 80% Volts 58.3 secs			
External inertia (WR^2) KGM^2				Number of terminals 3 wire			
No of starts/Hr with above inertia				NEMA Design letter H			
Starting time with above inertia Secs				Maximum volts drop at start: 20%			
Remarks				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			
				Anti condensation heaters 1/120V/75W Volts			
				Drawing number 1AP.050.0392.5WXY			
				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

[illegible]