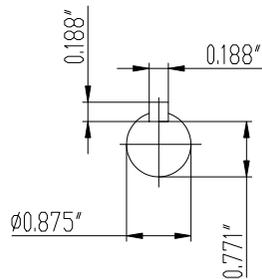
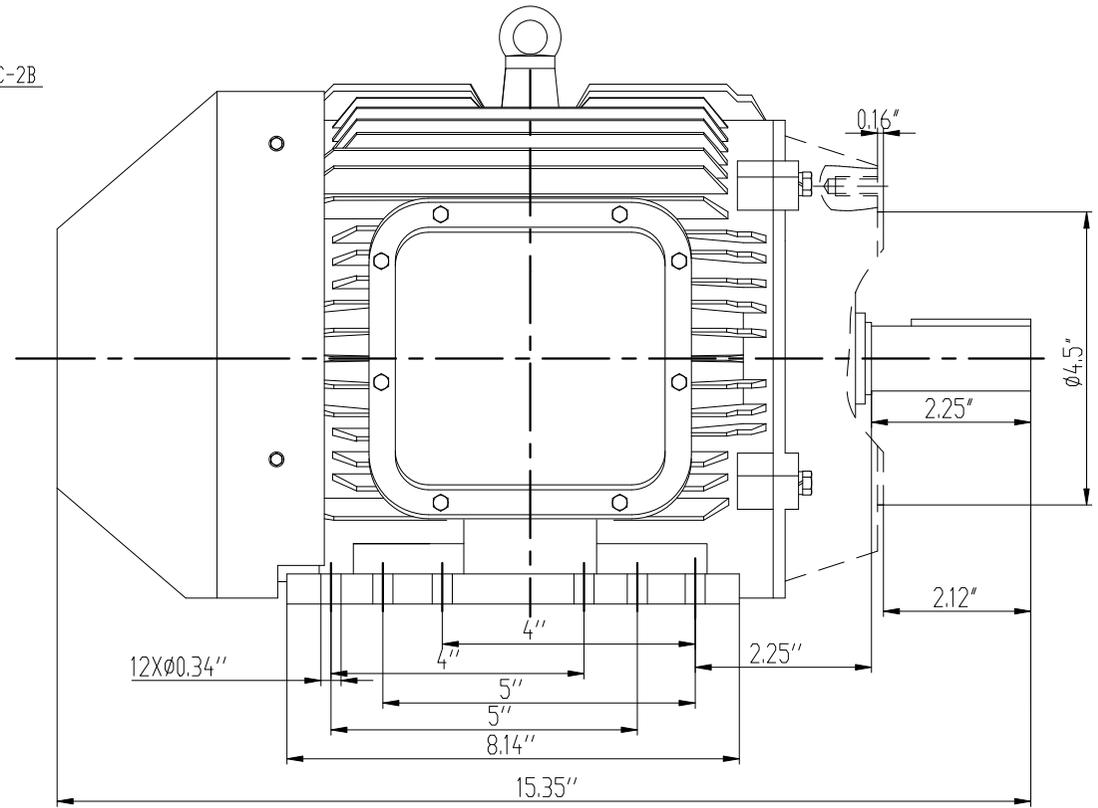
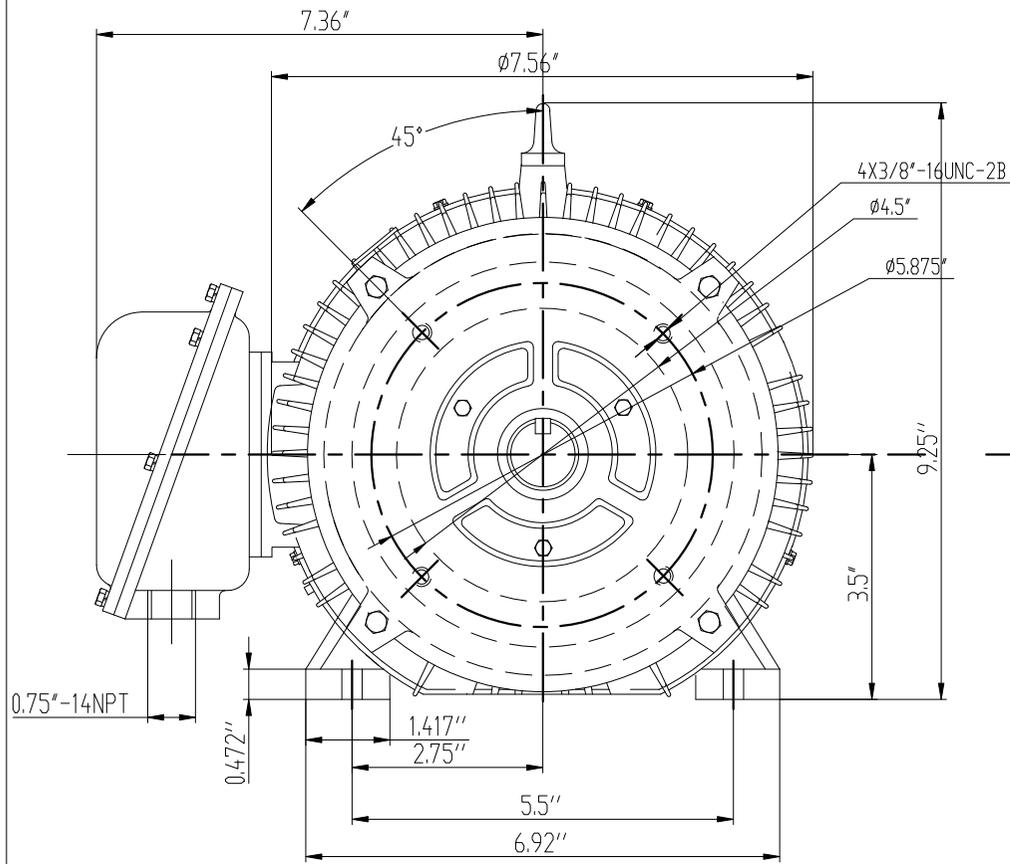


# Motor Data Sheet

Supplied To.				Type Code <i>MC2N1.5-9</i>		Frame Ref. 143T		
Manufacturing Standard <i>NEMA MG-1, IEEE841</i>				Starting Method		Output 1.5 Hp		
Frame Material <i>Cast Iron</i>		Mounting <i>F1/F2</i>		Supply 460 V		Connection type Y		
All Data Below based on 460V @ 60hz				VFD Duty <i>Variable torque 10:1 Constant torque 5:1</i>		L.R. PF 0.514		
Item No.				Amps @460V 1.9		Hertz 60		
Sales order / Line no.				N.L. amps 0.5		Poles/rpm 2 / 3600		
Account No.				N.L. PF 0.2		Cooling Code <i>TEFC/IC411</i>		
Load (Hp)		Full	3/4	1/2	Efficiency <i>PREMIUM</i>		Insulation <i>F</i>	
Efficiency		84	85.1	83.5	Phase 3		Service Factor 1.15	
Power Factor		0.85	0.83	0.82	cos Ø 0.85		IP 55	
Amps (Ia) at 460V		1.9	1.5	1.0	Noise pressure level at 1m no load 71 dB(A)		Temperature rise Class <i>B</i>	
Speed (rpm)		3511	3533	3554	DE bearing Ref. 6205/C3		NDE bearing Ref. 6205/C3	
Speed / Torque Curve				Lubrication grease		Lubrication interval (hrs) <i>DE 5030 NDE 5030</i>		
				Rotor inertia 0.0026 kgm/sq		Vibration levels less than 1.8 mm/sec		
FLT (Mn)		2.2		ft-lb		Shaft details Ø 0.875" x 2.25" LONG EXT'N		
LRT (DOL) (Ma/Mn)		2.4	FLT	5.2	T.Box entry 0.75"-14NPT		Motor weight (Approx. net) 70.56 lb	
LRT (DOL) 80% V		1.5	FLT	3.3	L.R. Time hot 15.1 secs		L.R. Time cold 37.1 secs	
PUT (Ms/Mn)		1.2	FLT	2.7	A.R.T. 100% Volts 15.1 secs		A.R.T. 80% Volts 27.5 secs	
POT (Mk/Mn)		4.1	FLT	9.0	Number of terminals 3 wire		NEMA Design letter <i>M</i>	
Speed / Current Curve				Maximum volts drop at start: 20%		Maximum Altitude 3300 ft		
				Ambient temp range -20 - 40 °C		Thermal time constant 90 Minutes		
LRC (DOL) (Ia/In)		7.9	FLC	17.4	Direction of rotation <i>CW/CCW/BI</i>		Winding thermistors fitted <i>As Option</i>	
LRC (DOL) 80% V		5.0	FLC	9	Winding thermostats fitted <i>As Option</i>		Anti condensation heaters --- Volts	
External inertia (WR^2) <i>KGM^2</i>				Drawing number <i>1AP.050.0389.1WXY</i>		Certifying Authority <i>CSA (C=US)</i>		
No of starts/Hr with above inertia				Certificate No.		Marking  <i>Class 1 Div 2 Grps A,B,C,D</i>		
Starting time with above inertia Secs				Remarks				

1AP.050.0551.1-6WX



				1AP.050.0551.1-6WX	
				NSHE140 MOTOR	
				WEIGHT	SCALE
					1:1
LET. REVISION BY DATE				F-1	
DESIGN REN XIADHUA					
REVIEW XIE XIADLONG					
APPROVE YU JIABIN					
DATE 20170526				 Keeping Industry Turning	