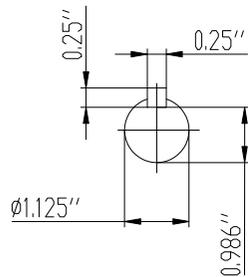
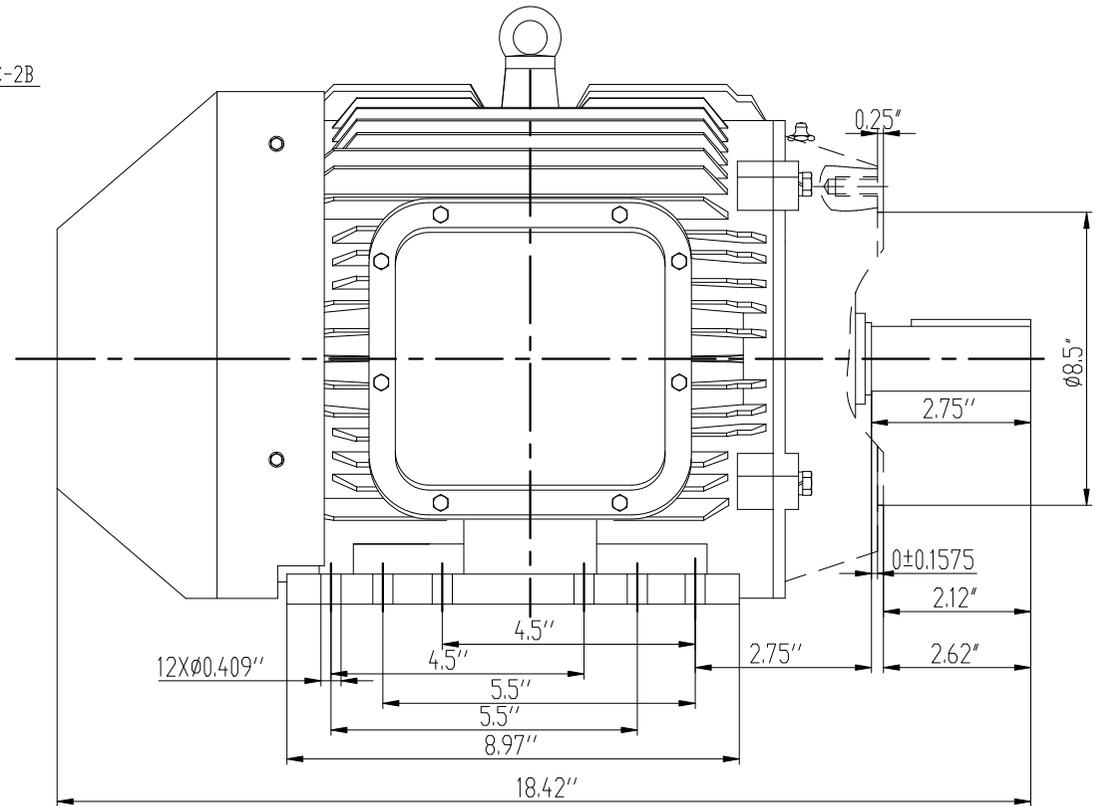
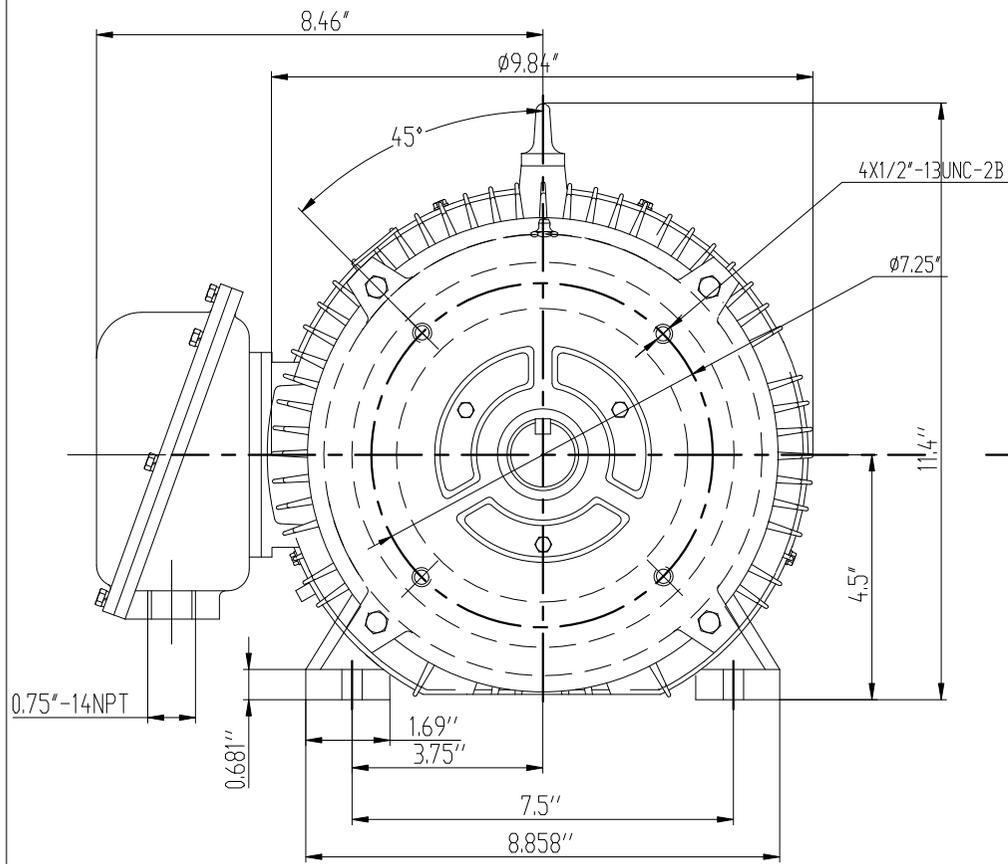


# Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC2N003-9		182T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		3		Hp	
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply	
Item No.				L.R. PF		460	
Sales order / Line no.				0.459		V	
Account No.				Amps		Connection type	
Load (Hp)				3		Y	
Efficiency				0.7		Hertz	
Power Factor				0.2		60	
Amps (Ia) at 460V				Duty		Poles/rpm	
Speed (rpm)				S1		2 / 3600	
Speed / Torque Curve 				Efficiency		Cooling Code	
				PREMIUM		TEFC/IC411	
FLT (Mn)				Insulation		Temperature rise Class	
LRT (DOL) (Ma/Mn)				F		B	
LRT (DOL) 80% V				Phase		cos Ø	
PUT (Ms/Mn)				3		0.87	
POT (Mk/Mn)				Service Factor		IP	
1.7				1.15		55	
7.3				Noise pressure level at 1m no load		75 dB(A)	
4.7				DE bearing Ref.		6206/C3	
4.0				NDE bearing Ref.		6206/C3	
15.7				Lubrication grease		Lubrication interval (hrs)	
ft-lb				DE 5030		NDE 5030	
ft-lb				Rotor inertia		0.0089 kgm/sq	
ft-lb				Vibration levels less than		1.8 mm/sec	
ft-lb				Shaft details		Ø 1.125" x 2.75" LONG EXT'N	
ft-lb				T.Box entry		0.75"-14NPT	
				Motor weight (Approx. net)		141.12 lb	
Speed / Current Curve 				L.R. Time hot		18.5 secs	
				L.R. Time cold		45.3 secs	
LRC (DOL) (Ia/In)				A.R.T. 100% Volts		18.5 secs	
7.4				A.R.T. 80% Volts		30.4 secs	
FLC				Number of terminals		3 wire	
32.6				NEMA Design letter		K	
amps				Maximum volts drop at start:		20%	
amps				Maximum Altitude		3300 ft	
amps				Ambient temp range		-20 - 40 °C	
amps				Thermal time constant		90 Minutes	
amps				Direction of rotation		CW/CCW/BI	
amps				Winding thermistors fitted		As Option °F	
amps				Winding thermostats fitted		As Option °F	
amps				Anti condensation heaters		1/120V/60W Volts	
amps				Drawing number		1AP.050.0390.1WXY	
amps				Certifying Authority		CSA (C=US)	
amps				Certificate No.			
amps				Marking		 Class 1 Div 2 Grps A,B,C,D	
Remarks							

1AP.050.0552.1-8WX



									1AP.050.0552.1-8WX
									WEIGHT
									SCALE
									1:1
									<b>BROOK CROMPTON</b> Keeping Industry Turning
								NSHE180 MOTOR	
								F-1	
LET.	REVISION	BY	DATE						
		REN XIADHUA							
		XIE XIADLONG							
		YU JIABIN							
		20170526							