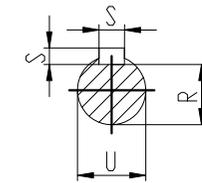
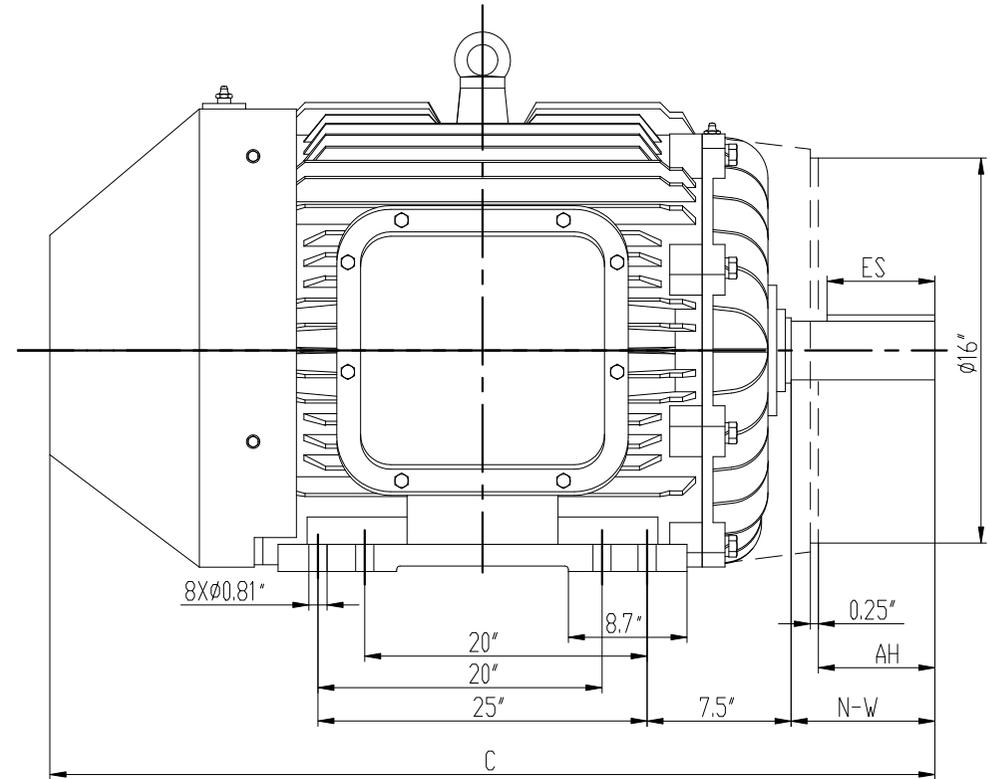
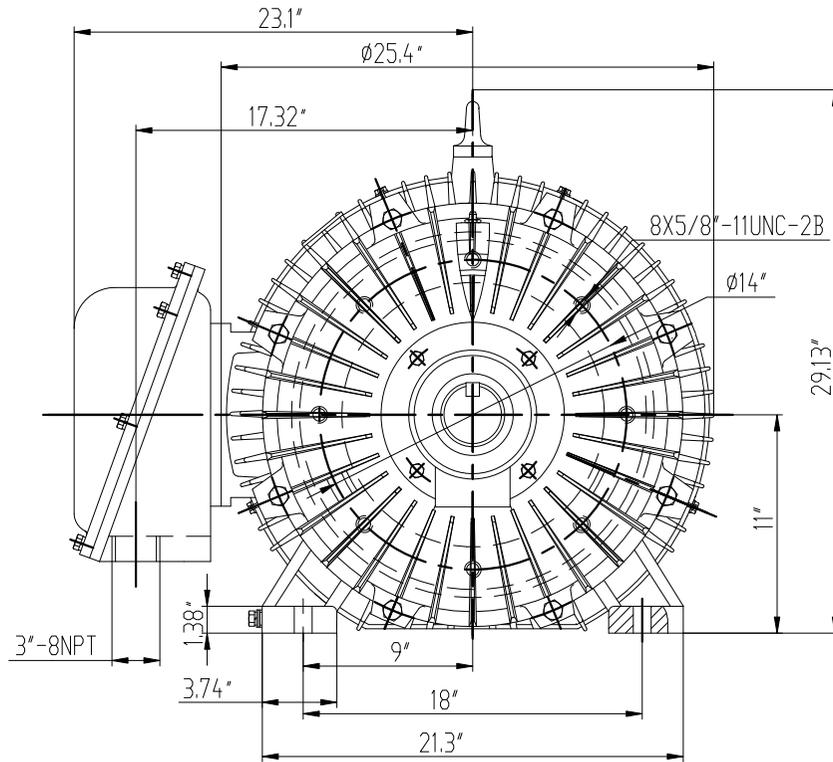


# Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC6N150-9		447T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		150		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.				0.252		V	
Account No.				N.L. amps		Connection type	
Load (Hp)		Full	3/4	28.8		D	
Efficiency		95.8	95.8	N.L. PF		Amps	
Power Factor		0.82	0.82	0.2		@460V 166.0	
Amps (Ia) at 460V		166.0	133.9	Duty		Hertz	
Speed (rpm)		1191	1193	S1		60	
Speed / Torque Curve 				Cooling Code		Poles/rpm	
				TEFC/IC411		6 / 1200	
Efficiency		PREMIUM		Insulation		Temperature rise Class	
Phase		3		F		B	
Service Factor		1.15		cos Ø		IP	
Noise pressure level at 1m no load		74		0.82		55	
Lubrication grease		Lubrication interval (hrs)		DE 4700		NDE 7680	
FLT (Mn)		656.5		Rotor inertia		3.5	
LRT (DOL) (Ma/Mn)		1.4	FLT 905.3	Vibration levels less than		2.2	
LRT (DOL) 80% V		0.9	FLT 579.4	Shaft details		Ø 3.375" x 8.50" LONG EXT'N	
PUT (Ms/Mn)		0.7	FLT 444.9	T.Box entry		3"-8NPT	
POT (Mk/Mn)		2.2	FLT 1424.6	Motor weight (Approx. net)		2374.785	
Speed / Current Curve 				L.R. Time hot		61.8	
				secs		L.R. Time cold	
LRC (DOL) (Ia/In)		5.4	FLC 3515.6	A.R.T. 100% Volts		61.8	
LRC (DOL) 80% V		3.1	FLC 513	A.R.T. 80% Volts		112.6	
External inertia (WR^2)		KGM^2		Number of terminals		3 wire	
No of starts/Hr with above inertia		KGM^2		NEMA Design letter		G	
Starting time with above inertia		KGM^2		Maximum volts drop at start:		20%	
Remarks		KGM^2		Maximum Altitude		3300	
KGM^2		KGM^2		Ambient temp range		-20 - 40	
KGM^2		KGM^2		Thermal time constant		90 Minutes	
KGM^2		KGM^2		Direction of rotation		CW/CCW/BI	
KGM^2		KGM^2		Winding thermistors fitted		As Option	
KGM^2		KGM^2		Winding thermostats fitted		As Option	
KGM^2		KGM^2		Anti condensation heaters		1/120V/75W	
KGM^2		KGM^2		Drawing number		1AP.050.0278.7WXY	
KGM^2		KGM^2		Certifying Authority		CSA (C=US)	
KGM^2		KGM^2		Certificate No.			
KGM^2		KGM^2		Marking		 Class 1 Div 2 Grps A,B,C,D	

1AP.050.0560.1-10WXY



MODEL	U	R	S	N-W	C	C	ES	AH
NSHE447TS/TSC-2 200HP	φ2.375"	2.021"	0.625"	4.75"	51"	50.79"	3.03"	4.5"
NSHE449TS/TSC-2 250HP						51.97"		
NSHE447TS/TSC-4 200HP						51.97"		
NSHE449TS/TSC-4 250HP	φ3.375"	2.88"	0.875"	8.5"	54.92"	55.71"	6.93"	8.25"
NSHE447T/TC -4 200HP								
NSHE449T/TC -4 250HP								
NSHE447T/TC-6 150HP								
NSHE449T/TC -6 200HP								
NSHE447T/TC-8 125HP	φ3.375"	2.88"	0.875"	8.5"	54.92"	55.71"	6.93"	8.25"
NSHE449T/TC -8 150HP								

				NSHE447/9 MOTOR		1AP.050.0560.1-10WXY	
						WEIGHT	SCALE
LET. REVISION BY DATE				F-1		1:1	
DESIGN REN XIADHUA							
REVIEW XIE XIADLONG							
APPROVE YU JIABIN							
DATE 20170522						<b>BROOK CROMPTON</b> Keeping Industry Turning	