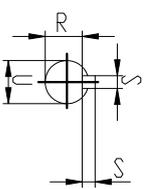
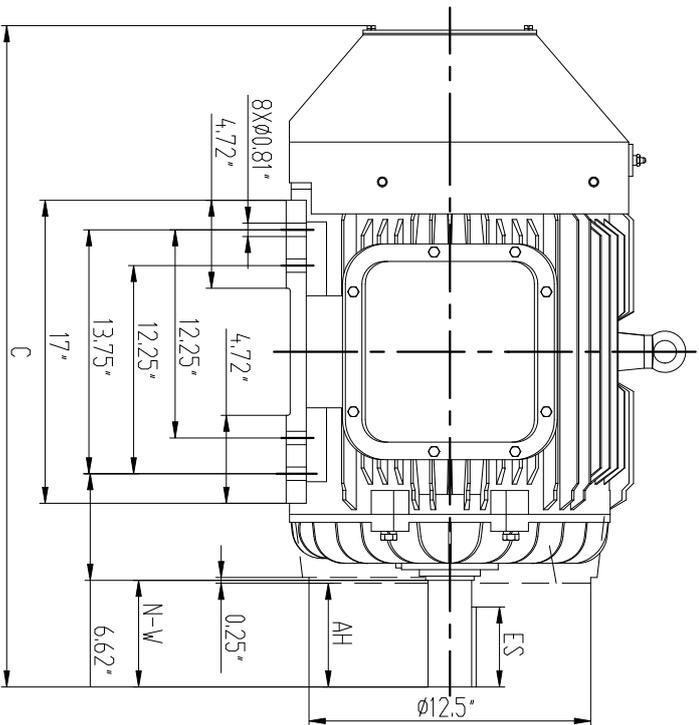
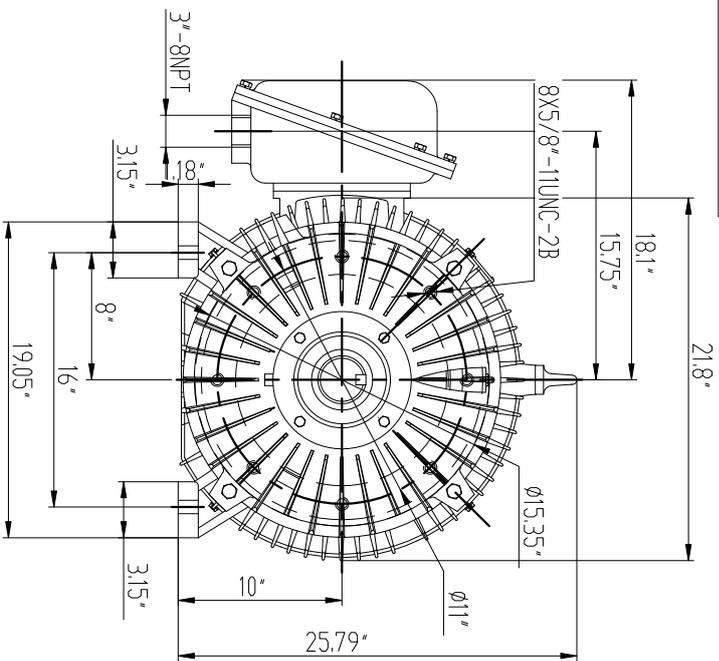


# Motor Data Sheet

Supplied To.				Type Code		Frame Ref.			
				MC6N060-9		404T			
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output			
Frame Material Cast Iron		Mounting F1/F2		60		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.				0.342		V			
Account No.				Amps		@460V			
Load (Hp)		Full	3/4	69.0		69.0			
Efficiency		94.5	94.5	Hertz		60			
Power Factor		0.83	0.83	N.L. amps		13.9			
Amps (Ia) at 460V		69.0	53.6	N.L. PF		0.2			
Speed (rpm)		1192	1195	N.L. rpm		6 / 1200			
Speed / Torque Curve				Duty		Cooling Code			
				S1		TEFC/IC411			
				Efficiency		Insulation		Temperature rise Class	
PREMIUM		F		B		Phase			
3		1.15		cos Ø		IP			
0.83		55		Noise pressure level at 1m no load					
68				dB(A)					
DE bearing Ref.				6316/C3					
NDE bearing Ref.				6314/C3					
Lubrication grease				Lubrication interval (hrs)					
DE 7170				NDE 7680					
FLT (Mn)		262.6		ft-lb		Rotor inertia			
LRT (DOL) (Ma/Mn)		2.2	FLT	578.8		1.1			
LRT (DOL) 80% V		1.4	FLT	370.4		kgm/sq			
PUT (Ms/Mn)		1.0	FLT	250.0		Vibration levels less than			
POT (Mk/Mn)		2.3	FLT	607.9		2.2			
ft-lb		ft-lb		ft-lb		mm/sec			
Shaft details		Ø		2.875" x 7.25"		LONG EXT'N			
T.Box entry		3"-8NPT		Motor weight (Approx. net)					
1327.41				lb					
Speed / Current Curve				L.R. Time hot					
				35.1				secs	
				L.R. Time cold				86.2	
A.R.T. 100% Volts				35.1				secs	
A.R.T. 80% Volts				73.1				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				Anti condensation heaters				1/120V/75W	
LRC (DOL) (Ia/In)		6.4		FLC		1693.2		amps	
LRC (DOL) 80% V		3.5		FLC		244		amps	
External inertia (WR^2)				KGM^2				Certifying Authority	
CSA (C=US)				Certificate No.				Marking	
No of starts/Hr with above inertia				Class 1 Div 2 Grps A,B,C,D				Remarks	
Starting time with above inertia				Secs					



MODEL	U	R	S	N-W	C	AH	ES
NSHE405TS/TSC-2 100HP	Ø2.125"	1.845"	0.5"	4.25"	35.6"	4"	2.83"
NSHE405TS/TSC-4 100HP	Ø2.125"	1.845"	0.5"	4.25"	35.6"	4"	2.83"
NSHE405T/TC-4 100HP	Ø2.875"	2.45"	0.75"	7.25"	38.6"	7"	5.71"
NSHE404T/TC-6 60HP	Ø2.875"	2.45"	0.75"	7.25"	38.6"	7"	5.71"
NSHE405T/TC-6 75HP	Ø2.875"	2.45"	0.75"	7.25"	38.6"	7"	5.71"
NSHE404T/TC-8 50HP	Ø2.875"	2.45"	0.75"	7.25"	38.6"	7"	5.71"
NSHE405T/TC-8 60HP	Ø2.875"	2.45"	0.75"	7.25"	38.6"	7"	5.71"

LET. REVISION	BY	DATE
DESIGN	REN XIADHUA	
REVIEW	XIE XIADLNG	
APPROVE	YU JIABIN	
DATE	20170522	

NSHE400 MOTOR		F-1	
1AP.050.0558.1-11WXY		WEIGHT	SCALE
			1:1