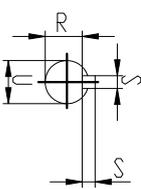
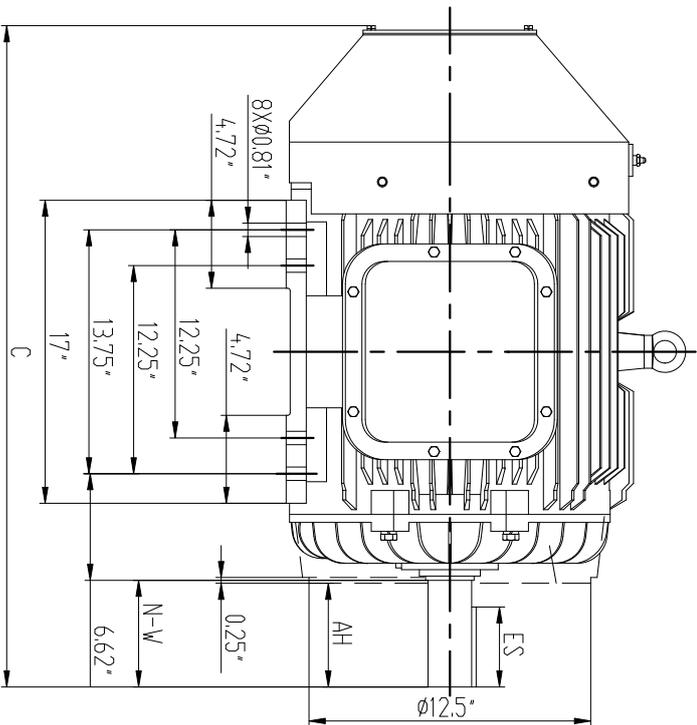
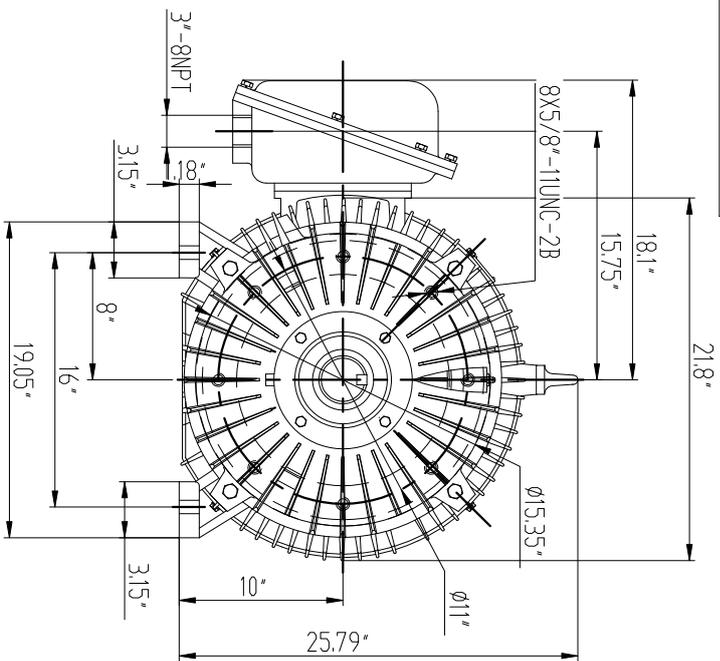


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.		
				MC2N100-9		405TS		
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output		
Frame Material Cast Iron		Mounting F1/F2		100		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.				0.2083		V		
Account No.				Amps		@460V 110.0		
Load (Hp)		Full	3/4	N.L. amps		Hertz		
Efficiency		94.1	94.1	13.2		60		
Power Factor		0.89	0.89	N.L. PF		Poles/rpm		
Amps (Ia) at 460V		110.0	83.7	0.2		2 / 3600		
Speed (rpm)		3579	3585	Duty		Cooling Code		
Speed / Torque Curve 				S1		TEFC/IC411		
				Efficiency PREMIUM		Insulation F		Temperature rise Class B
FLT (Mn)		145.9		Phase		Service Factor		
LRT (DOL) (Ma/Mn)		1.1	FLT	3		1.15		
LRT (DOL) 80% V		0.7	FLT	cos Ø		IP		
PUT (Ms/Mn)		0.6	FLT	0.89		55		
POT (Mk/Mn)		2.6	FLT	Noise pressure level at 1m no load				88
				dB(A)				
				DE bearing Ref.				6314/C3
				NDE bearing Ref.				6314/C3
				Lubrication grease				
				Lubrication interval (hrs)				DE 2380 NDE 2380
				Rotor inertia				0.55
				Vibration levels less than				2.2
				Shaft details				Ø 2.125" x 4.25" LONG EXT'N
				T.Box entry				3"-8NPT
				Motor weight (Approx. net)				1345.05
				L.R. Time hot				55.9
				L.R. Time cold				95.7
				A.R.T. 100% Volts				55.9
				A.R.T. 80% Volts				96.5
				Number of terminals				3 wire
				NEMA Design letter				G
				Maximum volts drop at start:				20%
				Maximum Altitude				3300
				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.050.0230.1WXY
				Certifying Authority				CSA (C=US)
				Certificate No.				
				Marking				 Class 1 Div 2 Grps A,B,C,D
				Remarks				



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

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Keeping Industry Turning