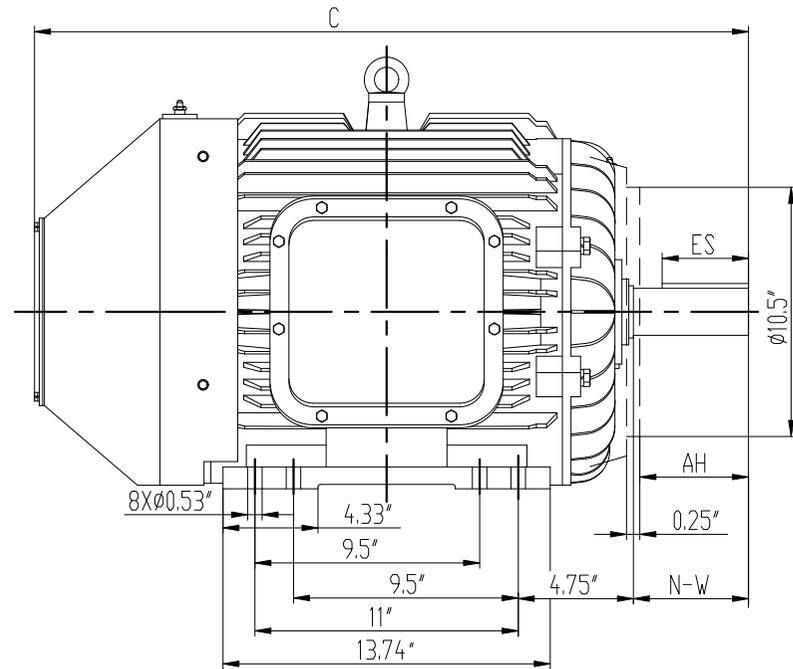
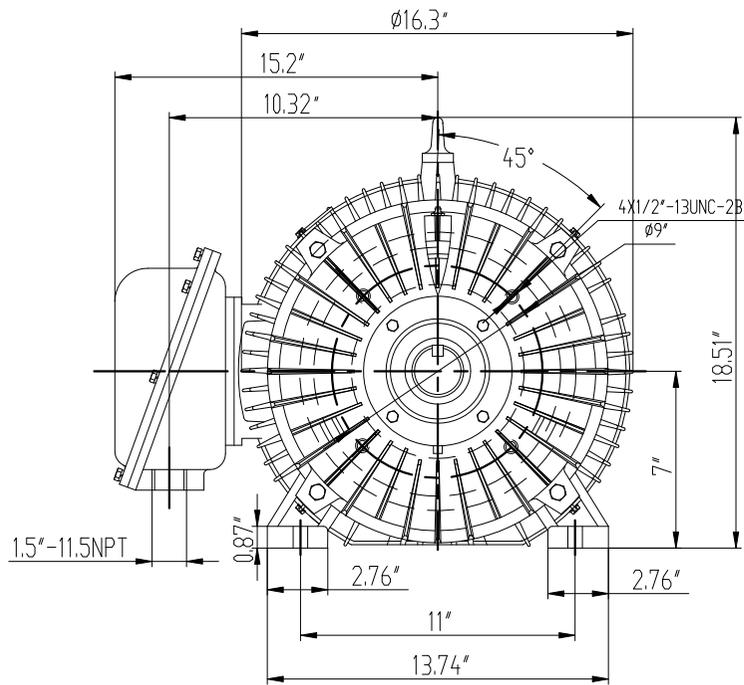
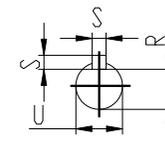


Motor Data Sheet

Supplied To.				Type Code		Frame Ref.	
				MC4N025-9		284T	
Manufacturing Standard NEMA MG-1, IEEE841				Starting Method		Output	
Frame Material Cast Iron		Mounting F1/F2		25		Hp	
All Data Below based on 460V @ 60hz				VFD Duty Variable torque 10:1 Constant torque 5:1		Supply 460	
Item No.				L.R. PF 0.313		Connection type D	
Sales order / Line no.				Amps @460V 27.5			
Account No.				N.L. amps 4.4		Hertz 60	
Load (Hp)		Full	3/4	1/2	N.L. PF 0.2		Poles/rpm 4 / 1800
Efficiency		93.6	93.6	93.1	Duty S1		Cooling Code TEFC/IC411
Power Factor		0.85	0.85	0.85	Efficiency PREMIUM		Insulation F
Amps (Ia) at 460V		27.5	22.0	14.9	Phase 3		Service Factor 1.15
Speed (rpm)		1778	1784	1789	cos Ø 0.85		IP 55
Speed / Torque Curve 				Temperature rise Class B		Noise pressure level at 1m no load 69 dB(A)	
				DE bearing Ref. 6310/C3		NDE bearing Ref. 6310/C3	
FLT (Mn)				72.9	ft-lb	Lubrication interval (hrs) DE 7340 NDE 7340	
LRT (DOL) (Ma/Mn)		1.5	FLT	108.5	ft-lb	Rotor inertia 0.24 kgm/sq	
LRT (DOL) 80% V		1.0	FLT	69.4	ft-lb	Vibration levels less than 1.8 mm/sec	
PUT (Ms/Mn)		0.8	FLT	55.9	ft-lb	Shaft details Ø 1.875" x 4.62" LONG EXT'N	
POT (Mk/Mn)		2.6	FLT	193.1	ft-lb	T.Box entry 1-1/2"NPT	
				Motor weight (Approx. net)		513.765 lb	
Speed / Current Curve 				L.R. Time hot		50.2 secs	
				L.R. Time cold		108.9 secs	
LRC (DOL) (Ia/In)				5.6	FLC	408.6	amps
LRC (DOL) 80% V		3.3	FLC	92	amps	A.R.T. 100% Volts 50.2 secs	
External inertia (WR^2)				KGM^2			
No of starts/Hr with above inertia							
Starting time with above inertia				Secs			
Remarks							
				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/76W Volts	
				Drawing number		1AP.050.0274.5WXY	
				Certifying Authority		CSA (C=US)	
				Certificate No.			
				Marking		 Class 1 Div 2 Grps A,B,C,D	



MODEL	ES	U	R	S	N-W	C
NSHE284TS/TSC-2 25HP	1.93	Ø1.625	1.416	0.375	3.25	27.16
NSHE286TS/TSC-2 30HP	1.93	Ø1.625	1.416	0.375	3.25	27.16
NSHE284TS/TSC-4 25HP	1.93	Ø1.625	1.416	0.375	3.25	27.16
NSHE286TS/TSC-4 30HP	1.93	Ø1.625	1.416	0.375	3.25	27.16
NSHE284T/TC-4 25HP	3.3	Ø1.875	1.591	0.5	4.62	28.54
NSHE286T/TC-4 30HP	3.3	Ø1.875	1.591	0.5	4.62	28.54
NSHE284T/TC-6 15HP	3.3	Ø1.875	1.591	0.5	4.62	28.54
NSHE286T/TC-6 20HP	3.3	Ø1.875	1.591	0.5	4.62	28.54
NSHE284T/TC-8 10HP	3.3	Ø1.875	1.591	0.5	4.62	28.54
NSHE286T/TC-8 15HP	3.3	Ø1.875	1.591	0.5	4.62	28.54



				1AP.050.0555.1-10WXY	
				WEIGHT	SCALE
					1:1
				NSHE280 MOTOR	
				F-1	
LET.	REVISION	BY	DATE		
		REN XIADHUA			
		XIE XIADLONG			
		YU JIABIN			
		20170522			