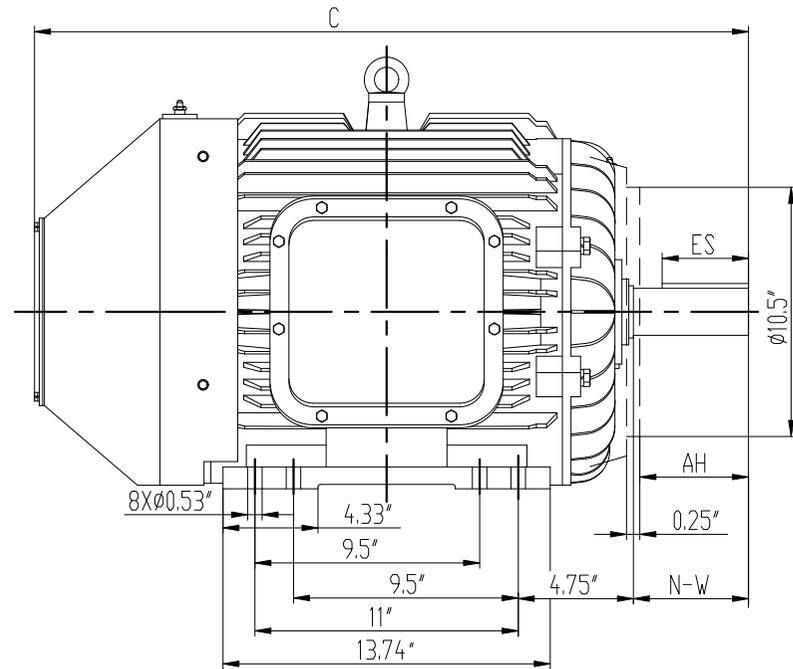
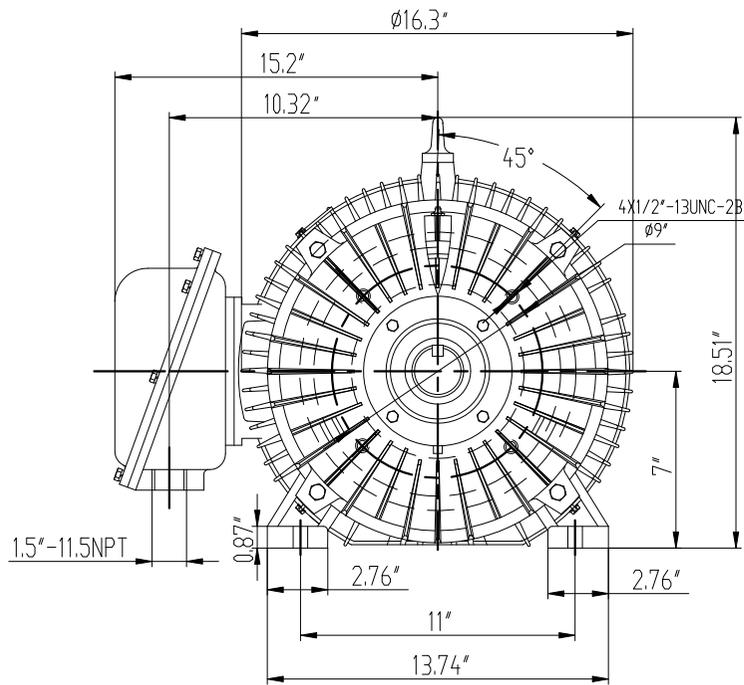
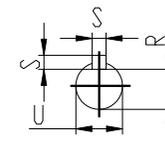


Motor Data Sheet

Supplied To.				Type Code <i>MC6N015-9</i>		Frame Ref. 284T			
Manufacturing Standard <i>NEMA MG-1, IEEE841</i>				Starting Method		Output 15 Hp			
Frame Material <i>Cast Iron</i>		Mounting <i>F1/F2</i>		Supply 460 V		Connection type D			
All Data Below based on 460V @ 60hz				VFD Duty <i>Variable torque 10:1 Constant torque 5:1</i>		L.R. PF 0.353			
Item No.				Amps @460V 18.1		Hertz 60			
Sales order / Line no.				N.L. amps 3.7		Poles/rpm 6 / 1200			
Account No.				N.L. PF 0.2		Cooling Code <i>TEFC/IC411</i>			
Load (Hp)		Full	3/4	1/2	Efficiency <i>PREMIUM</i>		Insulation <i>F</i>		
Efficiency		91.7	92	90	Phase 3		Service Factor 1.15		
Power Factor		0.82	0.82	0.80	cos Ø 0.82		IP 55		
Amps (Ia) at 460V		18.1	14.0	9.8	Noise pressure level at 1m no load 63 dB(A)		Temperature rise Class <i>B</i>		
Speed (rpm)		1181	1187	1191	DE bearing Ref. 6310/C3		NDE bearing Ref. 6310/C3		
Speed / Torque Curve				Duty <i>S1</i>		Lubrication grease		Lubrication interval (hrs) <i>DE 8760 NDE 8760</i>	
				Efficiency <i>PREMIUM</i>		Rotor inertia 0.16 kgm/sq		Vibration levels less than 1.8 mm/sec	
FLT (Mn)				65.7	ft-lb	Shaft details Ø 1.875" x 4.62" LONG EXT'N		T.Box entry 1-1/2"NPT	
LRT (DOL) (Ma/Mn)		1.9	FLT	122.6	Motor weight (Approx. net) 511.56 lb		L.R. Time hot 27.1 secs		
LRT (DOL) 80% V		1.2	FLT	78.5	L.R. Time cold 66.5 secs		A.R.T. 100% Volts 27.1 secs		
PUT (Ms/Mn)		0.9	FLT	59.4	A.R.T. 80% Volts 50 secs		Number of terminals 3 wire		
POT (Mk/Mn)		2.6	FLT	170.0	NEMA Design letter <i>G</i>		Maximum volts drop at start: 20%		
Speed / Current Curve				LRC (DOL) (Ia/In)		6.0	FLC	394.2	amps
				LRC (DOL) 80% V		3.5	FLC	64	amps
External inertia (WR^2)				KGM^2		Ambient temp range -20 - 40 °C		Thermal time constant 90 Minutes	
No of starts/Hr with above inertia				Certifying Authority		CSA (C=US)		Direction of rotation <i>CW/CCW/BI</i>	
Starting time with above inertia				Secs		Winding thermistors fitted <i>As Option</i>		Winding thermostats fitted <i>As Option</i>	
Remarks				Anti condensation heaters		1/120V/75W		Volts	
Drawing number				1AP.050.0274.7WXY		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			