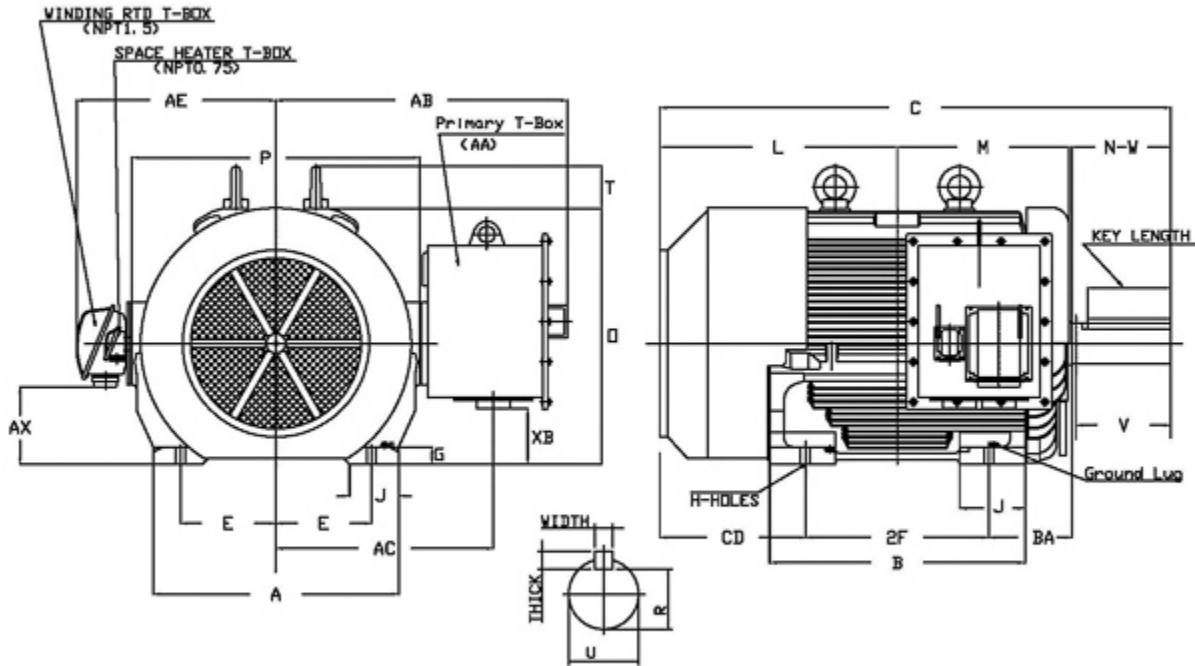


Dimensional Drawing

Catalogue	Model	HP	Pole	kW	Rating	Voltage	Hz	RPM
HT25085R	AEEAGD	250	8	187	Continuous	575 V	60	900



Frame Size	Mounting					A	B	C	CD	D	
	E	2F	2F2	H	BA						
5009C	10	28		0.94	8.5	25.6	34.65	63.07	17.5	12.5	
G	J	K	L	M	O	P	T	Key			Keyseat R
								Width	Thick	Length	
1.85	5.9	7.1	28.95	22.1	26.25	30.6	4.3	1	1	10	3.309
Terminal Housing			Aux Box			C/D Flange					
AA	AB	AC	XB	AE	AX	BB	AH	AK	BD	AJ	BF
2x 3 NPT	26.2	26.14	6.75	24	9.3						
Shaft Extension			Bearings		Approx. Weight Lbs	SPL dBA/3ft	Ins. Class	S.F.	Drive Method	Dimensions	
N-W	U	V	DE	NDE							
11.62	3.875	11.12	NU324	6320	4000	80	F	1.15	Belt Drive	Inches	

Technical Data Sheet

Motor Type: AEEAGD

Catalogue No: HT25085R

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
250	8	888	5009C	575	60	3
Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.15	Continuous	C	-40 to 40 °C	<3300 ft

Typical Performance

Efficiency (%)				Power Factor (%)		
Full Load		3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
Nom.	Min.					
94.5	93.5	93.0	91.6	80.0	76.0	66.0
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
1478.00	200	160	250	101.6	247.7	1460
NEMA KVA Code	Inertia (WR ²)			Safe Stall Time (s)		Noise Level Sound Press. dB(A)
	Rotor (lb-ft ²)	NEMA Load (lb-ft ²)	Max. Allowable (lb-ft ²)	Cold	Hot	
G	249.000	5540	13850	20	14	80

VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
20-60Hz	3-60Hz	60-120Hz	≤ 3 kHz	VPWM or CPWM	1.0 Only

Additional Information

Bearings		Approx. Weight
DE	NDE	lbs
NU324	6320	4000

Hazardous Locations Information

Temp Code (Sinewave / VFD)	/
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