

Customer :  
Project Name :  
Project No. :  
Revision No. :

# SPECIFICATION for INDUCTION MOTOR



0		For Bidding			
No.	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY



1	2	3	4
REV	DATE	CONTENTS	REVD BY   CHKD BY   CHKD BY   APPD BY

4.72

30HP	6P	460V	Cat. No.	IEEE30-12-326TCRD				
Model	HLS326PR33		INS. Class	F	HD-F1	Amps	37.1	
Type	HLS	Duty	CONT	Code	K	Amb.	40°C	
Frame	326TC	Encl.	TEFC	S.F.	1.15	RPM	1175	
Bearing	Drive	6313ZC3		S.F.1.00 (10:1 C.T., 20:1 V.T., NEMA-MG1 Part31)		3/4 Eff.	92%	
	Opp.	6212ZC3				NEMA Design	B Torque	
Usable at	50Hz 25HP 380V 42.8A 985rpm S.F.: 1.0 Eff.: 90.4% Code: K							
	50Hz 25HP 400/415V 41.8/41.4A 985/985rpm S.F.: 1.0 Eff.: 90.4/90.4% Code: L/L							
CSA Certified for	Model	LATER		Type	PJP			
	CLASS I, Div. 2, Gr. A, B, C & D CLASS I, Zone 2, Gr. IIA, IIB, & IIC	CLASS II, Div. 2, Gr. E, F & G (Gr. E : Up to 320FR)		Temp. Code (sine wave)	Frame	140~320FR	360~400FR	440FR
		Amb. 40°C	T3C (160°C)		T3B (165°C)	T3A (180°C)		
Amb. 55°C	T3A (180°C)	T3A (180°C)	T3 (200°C)					
No.	-		Date	-		Weight	560 lb	

**IEEE Std 841-2021**

4M-135701

**MARINE DUTY IEEE45**

Made in Korea H1

2.36

APPD BY	S.Y.KIM	UNIT	INCH	SUBJECT	CSA Class I, Division2 IEEE841 (HL)	DWG SIZE
CHKD BY	I.K.KIM	SCALE	NONE			A4 ( 1:1 )
CHKD BY	R.G.KIM	PROJEC'N	3rd Angle	TITLE <b>NAMEPLATE DRAWING</b>		
DSND BY	S.H.LEE	DATE	2024.06.07			

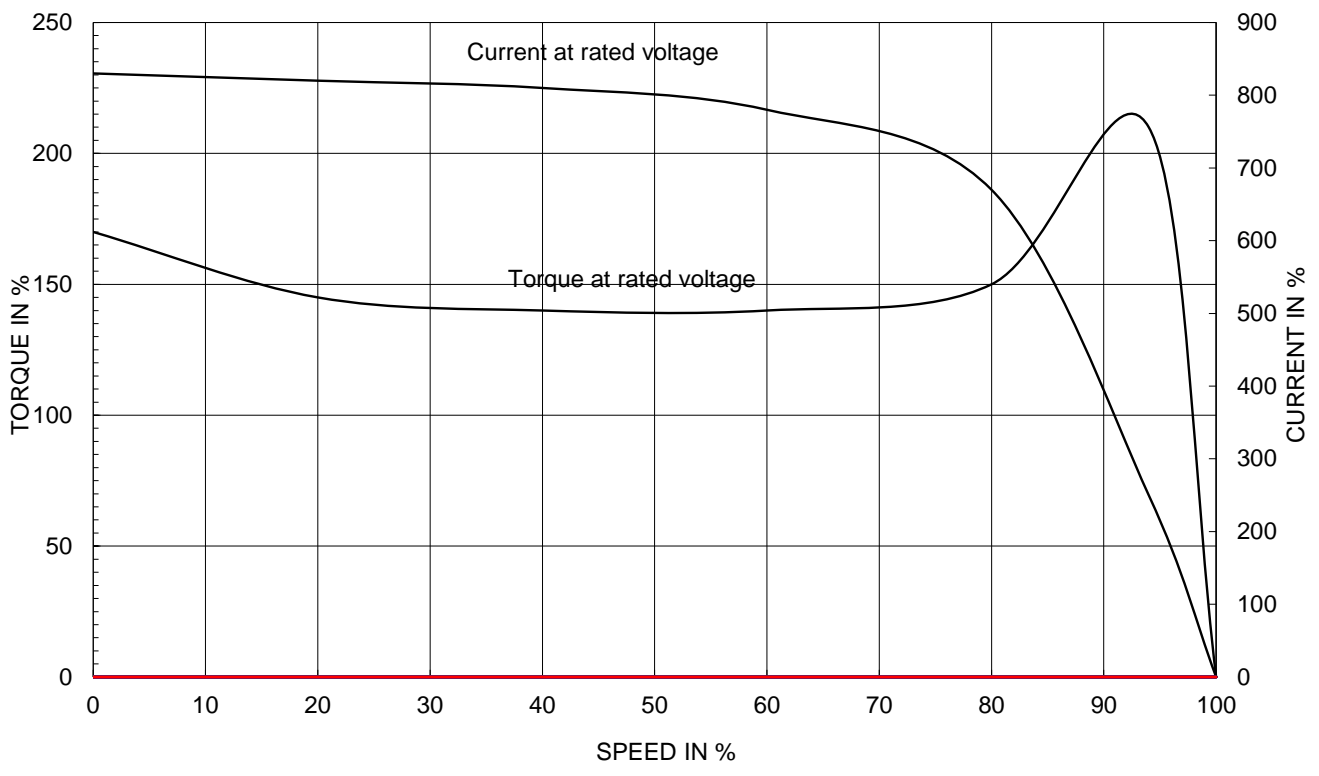


REF. NO	<b>4M-135701</b>	Sheet No.	of
DWG NO	<b>NP-IEEE30-12-326TCRD</b>	Revision No.	<b>0</b>

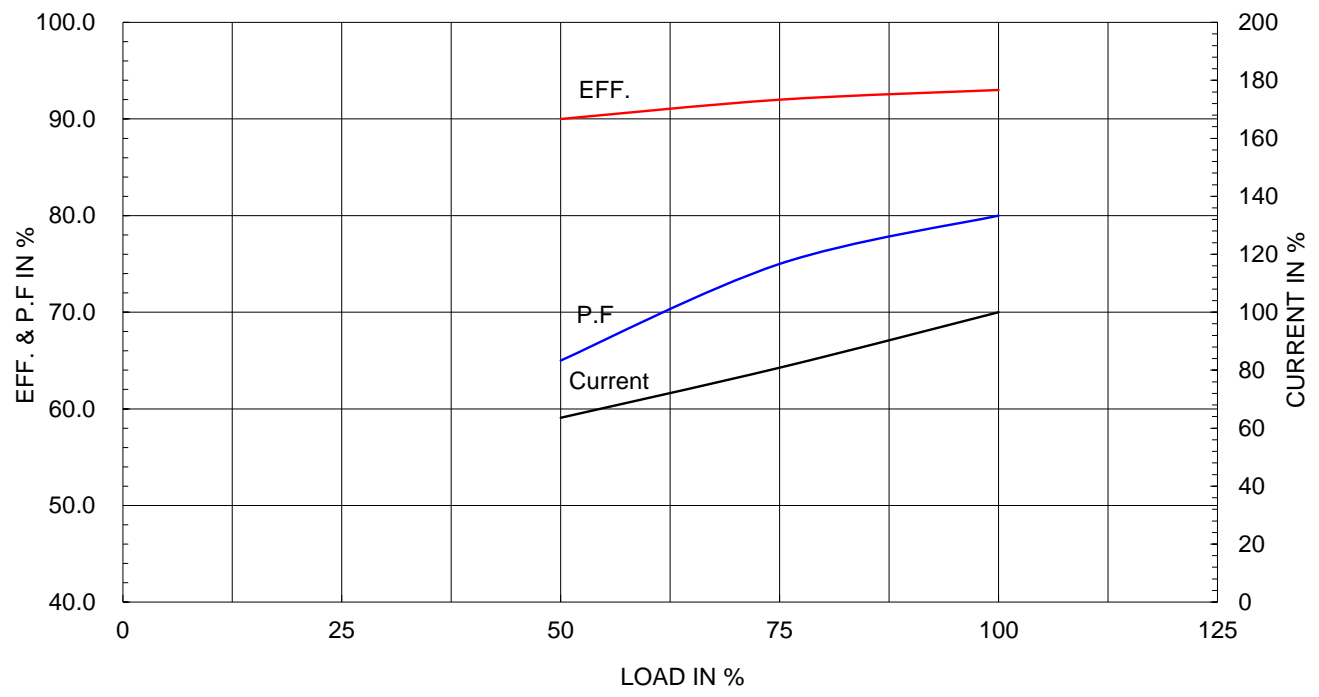
Type :	PJP
Full Load Torque :	131.9 lb.ft
Load moment of Inertia (J) :	442.185 lb.ft2
Motor moment of Inertia (J) :	10.443 lb.ft2

22kW 30HP	6 P	60 Hz
Speed at Full Load : 1175 RPM		
Rated Voltage	575V	460V 230V
Full Load Current	29.7A	37.1A 74.2A

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE

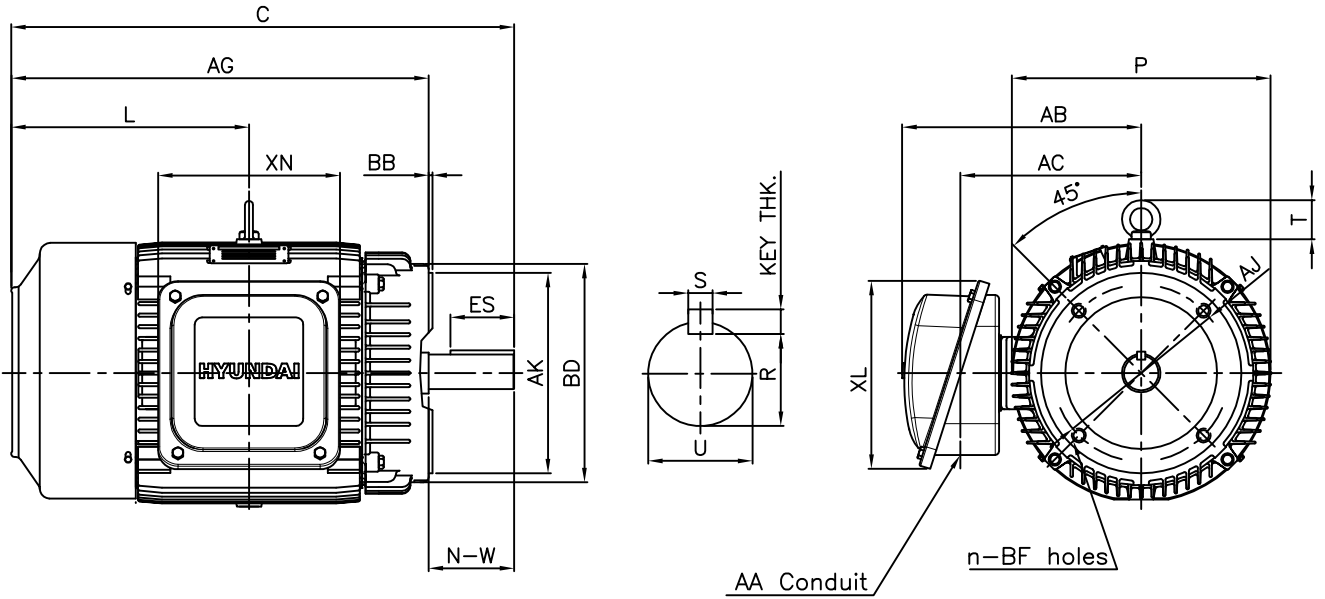


본 도면은 HD현대일렉트릭(주) 재산이며 허가없이 복사할 수 없음 (취급주의)

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▽	50S	REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY
▽▽	12.5S							
▽▽▽	3.2S							
▽▽▽▽	0.4S							

**IEEE841**



DIMENSIONS

Unit : inch

F L A N G E						CONDUIT BOX					APPROX. WGT.(LB)	
AJ	AK	BD	BB	BF	n	AA	AB	AC	XL	XN	324T	326T
11.0	12.50	13.27	0.25	5/8-11	4	2.00	15.31	11.41	11.38	11.14	550	560

O V E R A L L					S H A F T					KEY THK.	B E A R I N G	
AG	C	L	P	T	U	N-W	KEYWAY				DRIVE END	OPP. DRIVE END
							R	ES	S			
26.15	31.4	14.9	15.84	2.41	2.125	5.25	1.845	3.91	0.500	0.500	6313ZC3	6211ZC3

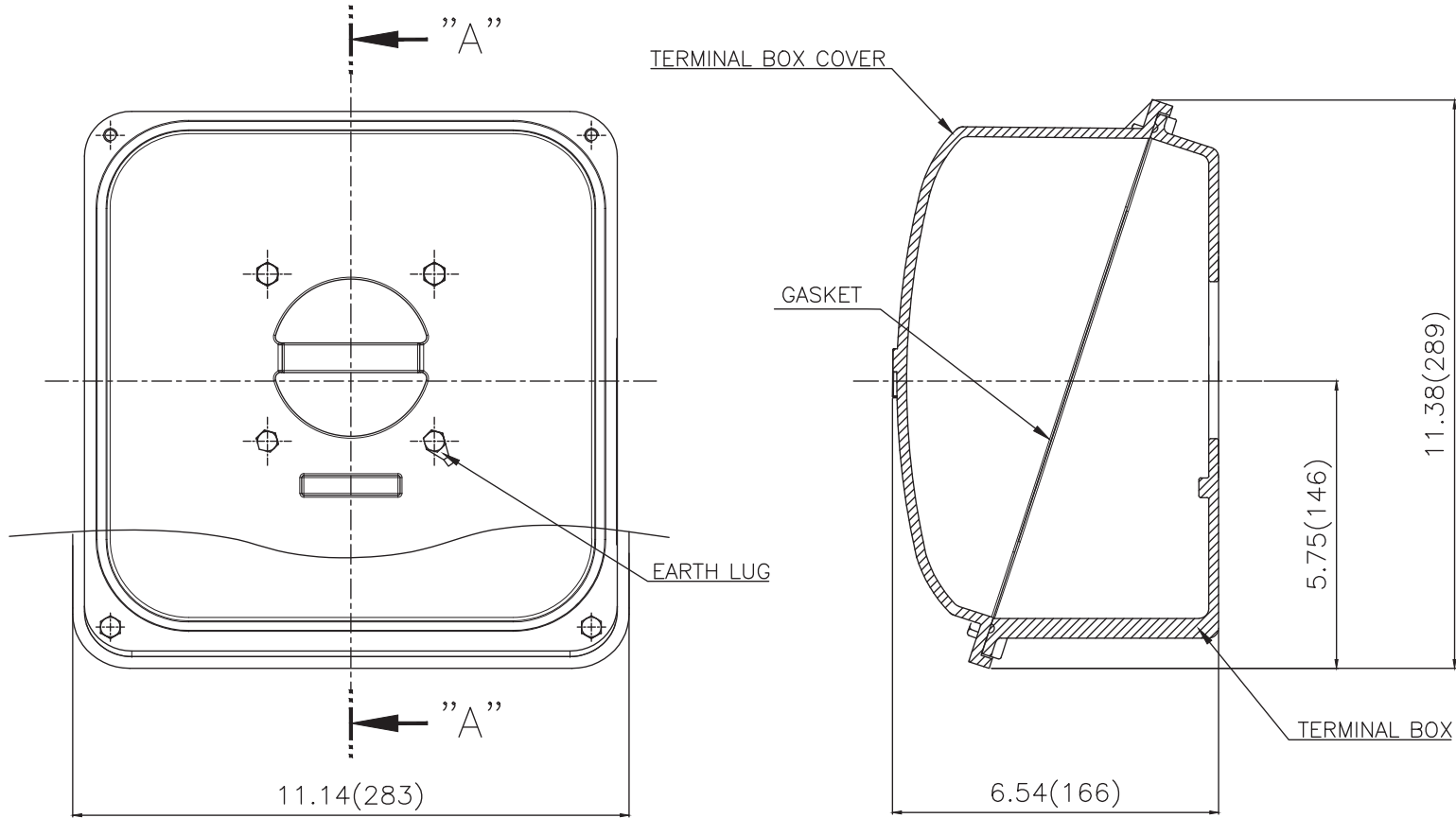
**NOTE**

- 1.Dimension "D" tolerance : +0.00inch - 0.03inch
- 2.Dimension "U" tolerance : +0.000inch - 0.001inch
- 3.Dimension "R" tolerance : +0.000inch - 0.015inch
- 4.Location of holes for 324TC frame
- 5.Location of holes for 326TC frame

APPD BY	S.Y.KIM	UNIT	INCH	SUBJECT	NEMA 324TC/326TC	DWG SIZE	A4 ( 11 )
CHKD BY	R.G.KIM	SCALE	NONE	TITLE	<b>OUTLINE</b>	REF. NO	350A8512AA
CHKD BY	Y.H.BAE	PROJEC'N	3각법(3rd Angle)	DWG NO		LM-I1326C5PL001	Sheet No.
DSND BY	H.K.LEE	DATE	2021-04-30			Revision No.	0



**Cls. I&II, Div. 2  
IEEE 841**



SEC. "A"-"A"

▽	50S
▽▽	12.5S
▽▽▽	3.2S
▽▽▽▽	0.4S

REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY

일반가공공차		일반재공공차	
1-4	±0.1	6-30	±0.5
4-18	±0.2	30-120	±0.8
18-63	±0.3	120-315	±1.2
63-250	±0.5	315-1000	±2.0
250-	±0.8	1000-	±3.0

Q'TY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APPD BY	S.Y.KIM	UNIT	inch(mm)	SUBJECT	FR. 320 (CAST IRON)	DWG SIZE	A3 (1:2.5)
CHKD BY		SCALE	1/2.5	TITLE	TERMINAL BOX ASS'Y		
CHKD BY	R.G.KIM	PROJEC'N	3rd Angle	DATE	2023-10-19		
DSND BY	배승희	DATE					
REF. NO		Sheet No.	of				
DWG NO	3M-248459	Revision No.	0				

