

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

SPECIFICATION for INDUCTION MOTOR



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



PERFORMANCE CURVE

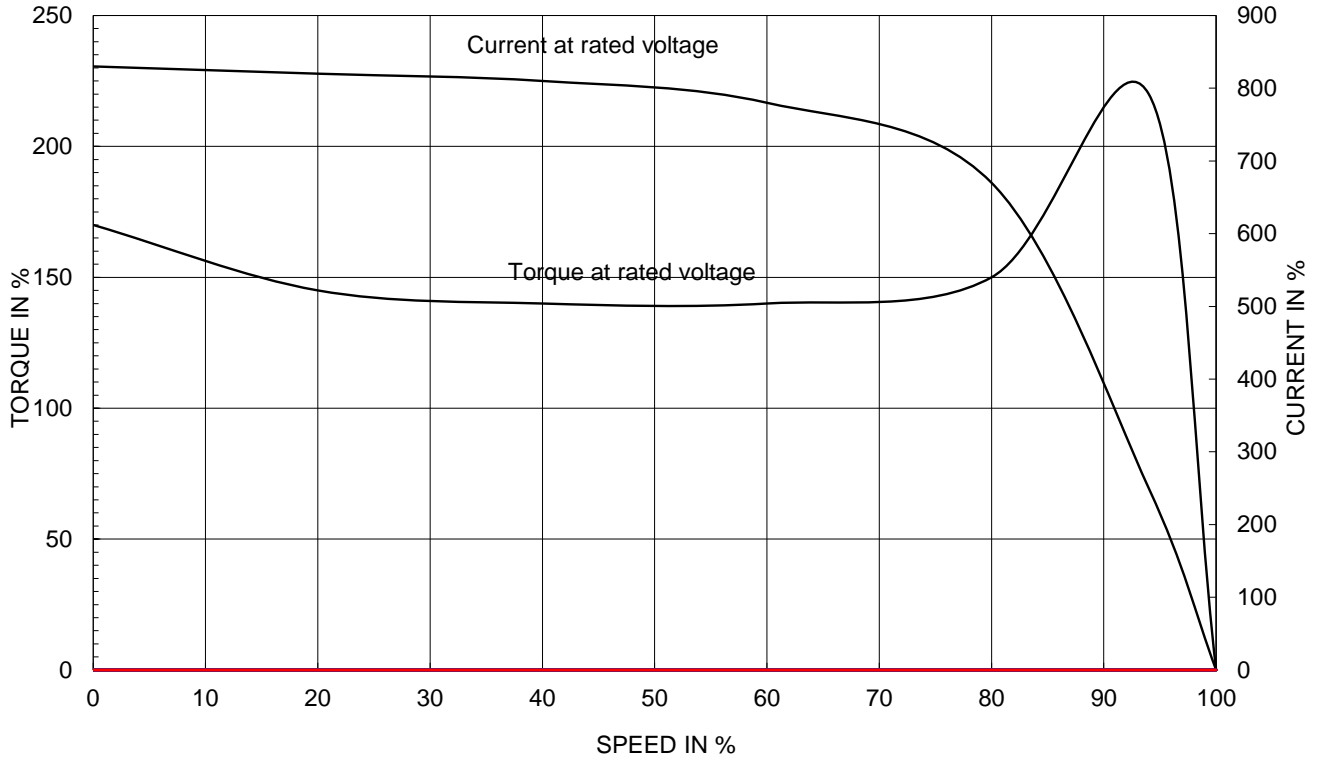
CURVE NO.

PC-IXHHI50-18-326T

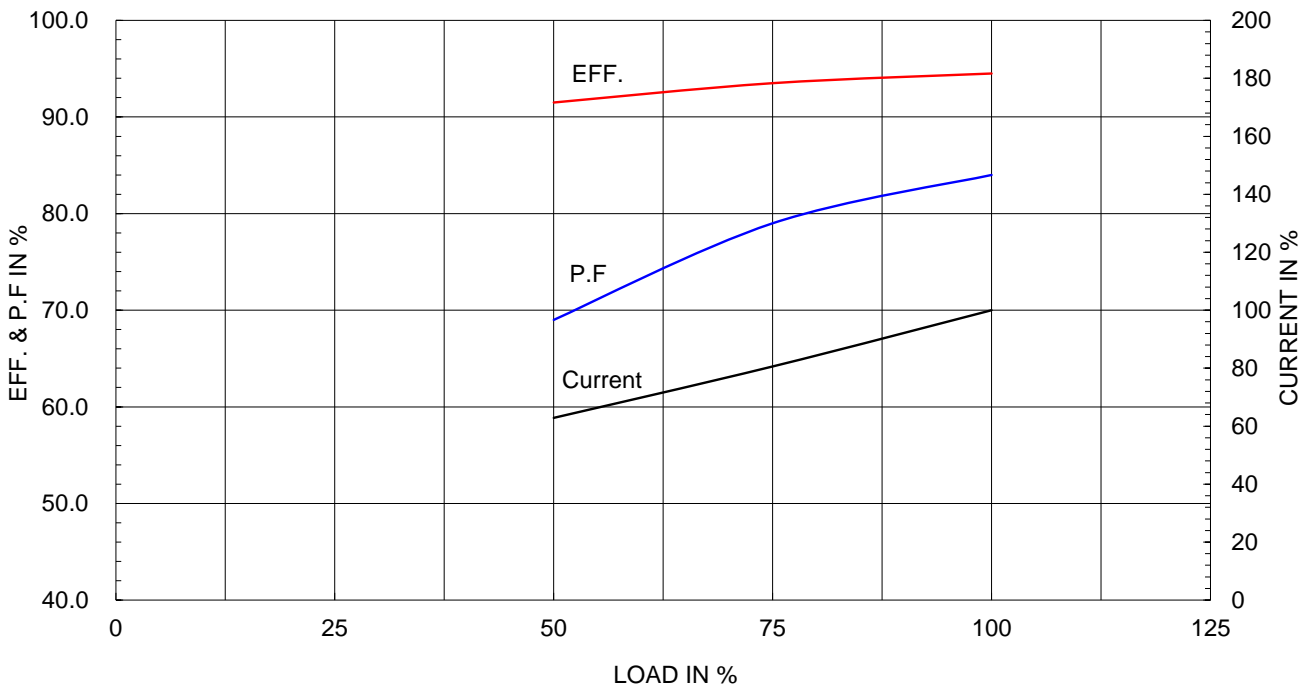
Type :	XJP
Full Load Torque :	146.4 lb.ft
Load moment of Inertia (J) :	278.234 lb.ft2
Motor moment of Inertia (J) :	8.307 lb.ft2

37kW 50HP	4 P	60 Hz
Speed at Full Load :		1780 RPM
Rated Voltage	575V	460V 230V
Full Load Current	46.8A	58.5A 117.0A

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE

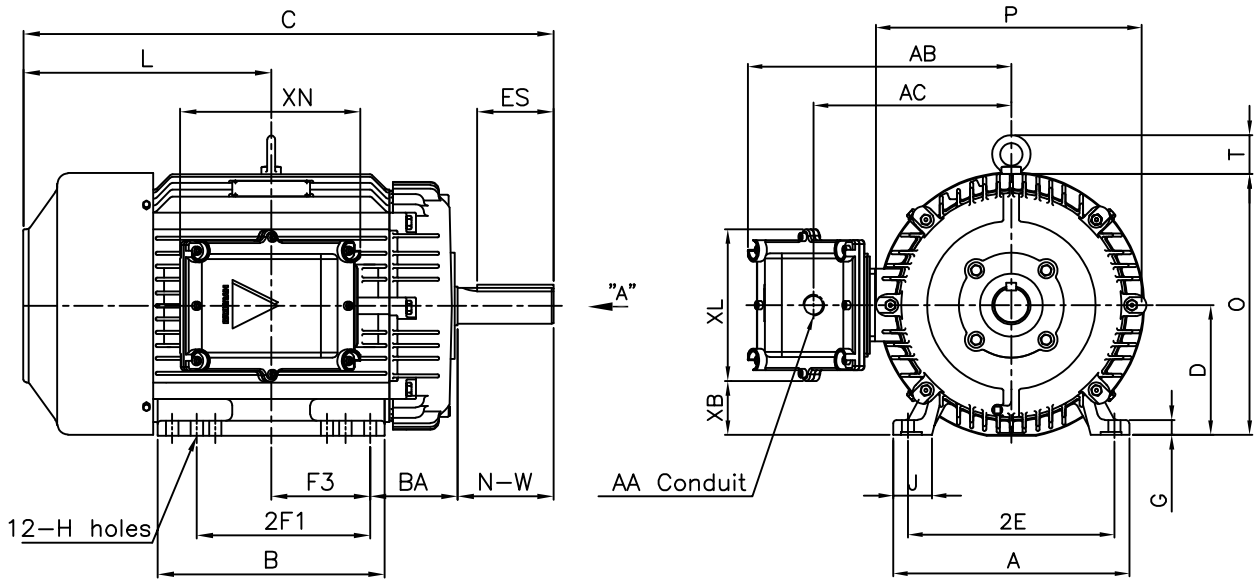


본 도면은 HD현대일렉트릭(주) 재산이며 허가없이 복사할 수 없음 (취급유의)

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1	2	3	4
▽	50S	REV	DATE
▽▽	12.5S		
▽▽▽	3.2S		
▽▽▽▽	0.4S		

Class I Division 1



DIMENSIONS

MOUNTING								CONDUIT BOX					APPROX. WGT.(LB)	
A	B	2E	2F1 ⁴⁾	F3	G	J	H	AA	AB	AC	XB	XL	XN	326T
14.33	15.74	12.50	12.00	6.99	1.11	2.36	0.66	2.00	15.27	11.02	3.39	9.21	10.94	840

OVERALL							SHAFT					KEY THK.	BEARING	
BA	C	D	L	O	P	T	U	N-W	KEYWAY				DRIVE END	OPP. DRIVE END
									R	ES	S			
5.25	33.03	8.00	15.55	16.19	15.84	2.41	2.125	5.25	1.845	3.91	0.500	0.500	6313ZC3	6211ZC3

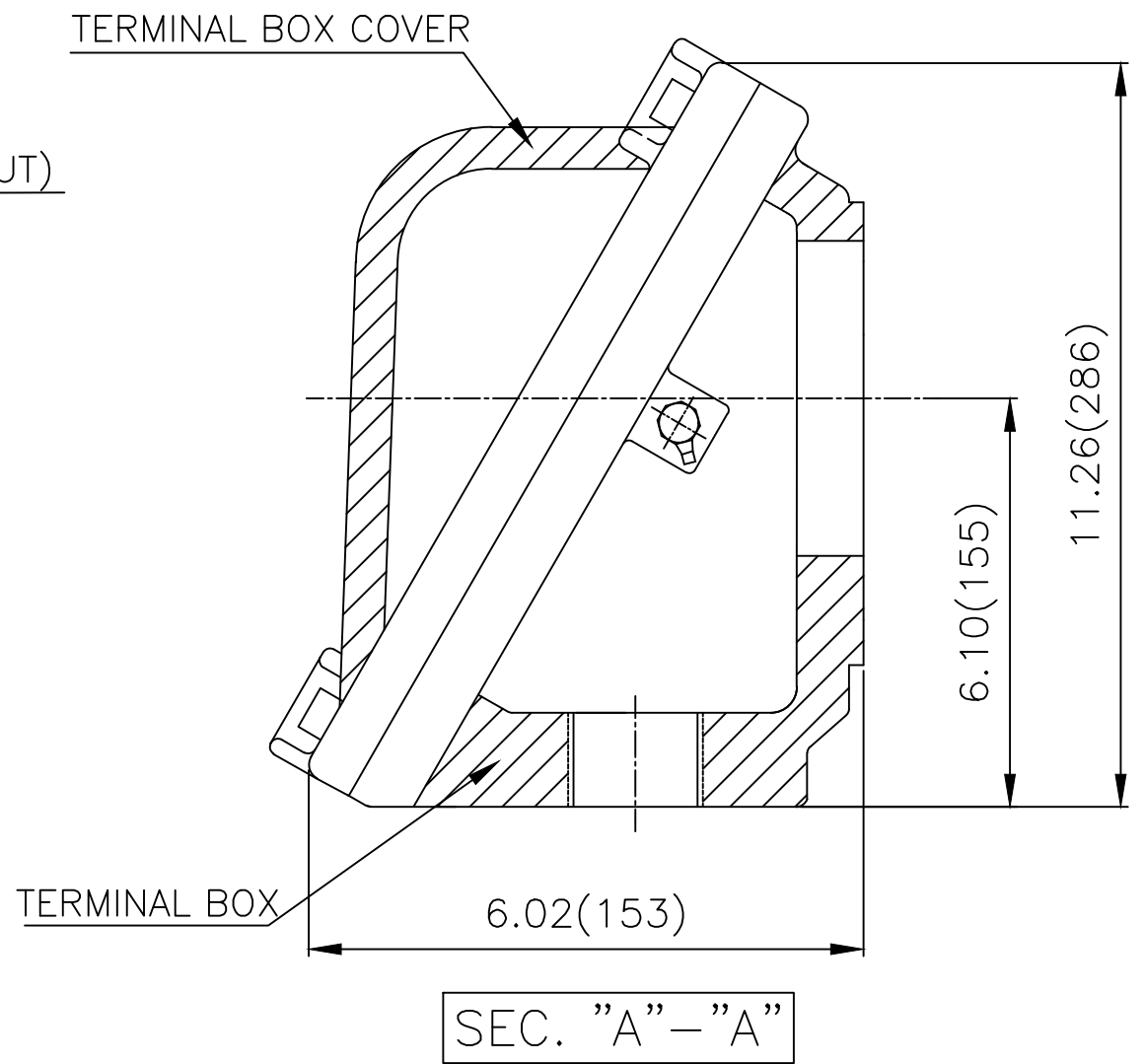
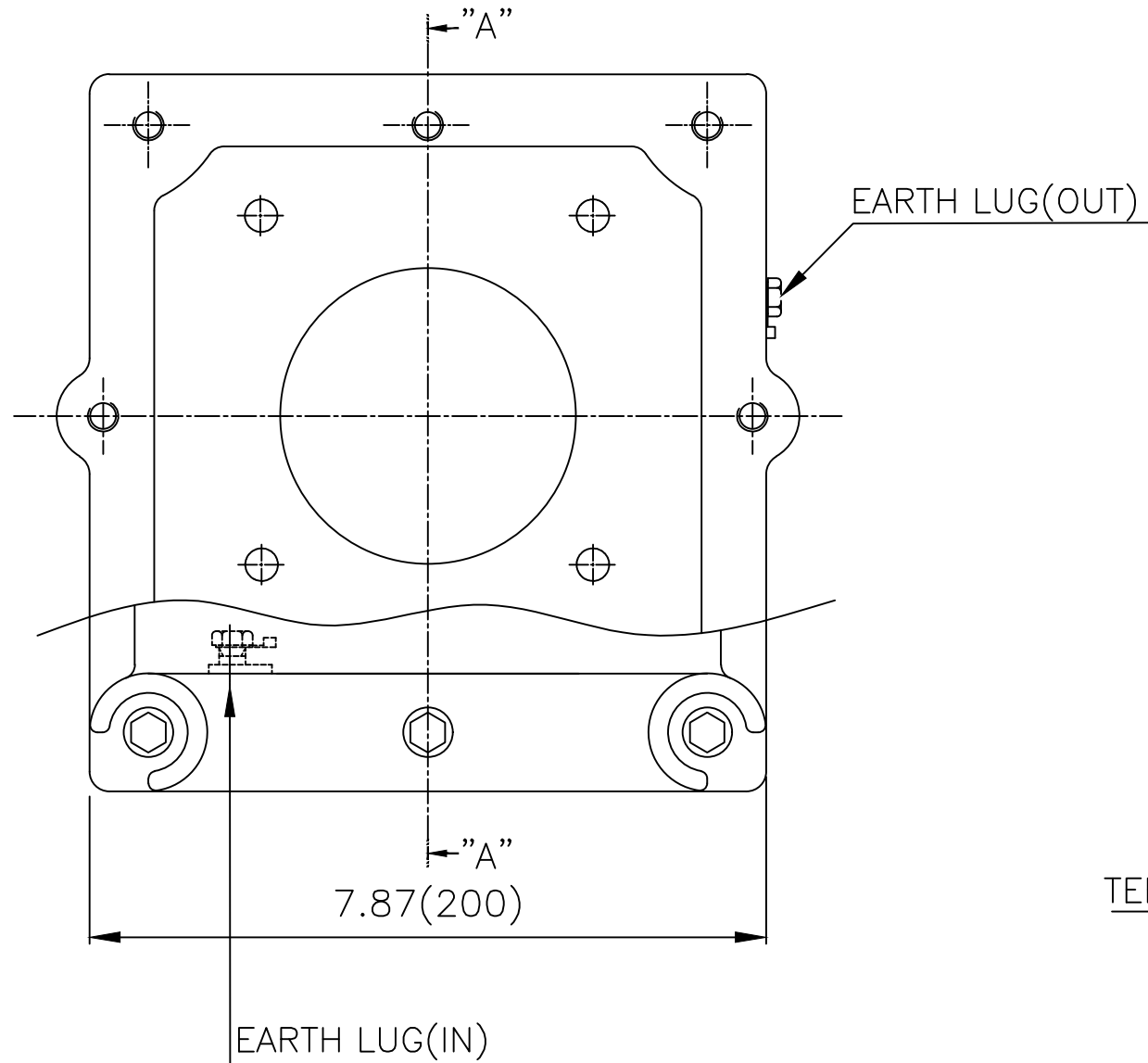
NOTE

- Dimension "D" tolerance : +0.00inch - 0.03inch (143T-365T) ; +0.000inch - 0.06inch (404T-449T)
- Dimension "U" tolerance : +0.000inch - 0.005inch (143T-215T), +0.000inch - 0.001inch (254T-449T)
- Dimension "R" tolerance : +0.000inch - 0.015inch
- Location of holes for 326T frame

APPD BY	S.Y.KIM	UNIT	inch	SUBJECT	NEMA 326T	DWG SIZE	
CHKD BY	R.G.KIM	SCALE	1/10	TITLE		OUTLINE	A4 (1:12)
CHKD BY		PROJEC'N	3rd Angle				
DSND BY	J.H.JEON	DATE	2021-04-15				
REF. NO				Sheet No.		of	
DWG NO		LM-U0326B3TL001		Revision No.		0	



Cls. I Div. 1



▽	50S
▽▽	12.5S
▽▽▽	3.2S
▽▽▽▽	0.4S

REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY

일반가공공차		일반제관공차	
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	NEMA FR. 320(CAST IRON)		DWG SIZE
CHKD BY	R.G.KIM	SCALE	1/2	TITLE	MAIN TERMINAL BOX ASS'Y		A3 (1:2)
CHKD BY		PROJEC'N	3rd Angle	REF. NO		Sheet No.	of
DSND BY	김은진	DATE	2023-11-08	DWG NO	3M-248631	Revision No.	0

