

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

4.72



**CROWN TRITON**  
Premium Efficiency AC 3 Phase Motor





60HP	2P	230/460V	Cat. No.	HHI60-36-364TSCRD				
Model	HLS364PR02		INS. Class	F	HD-F1	Amps	131.2/65.	
Type	HLS	Duty	CONT	Code	G	Amb.	40°C	
Hertz							60Hz	
Frame	364TSC	Encl.	TEFC	S.F.	1.15	RPM	3570	
NEMA Nom. Eff.							94.1%	
Bearing	Drive	6213C3		S.F.1.00 (10:1 C.T., 20:1 V.T., NEMA-MG1 Part31)			3/4 Eff.	93.1%
	Opp.	6213C3					NEMA Design	B
Usable at	50Hz 50HP 380V 65.6A 2968rpm S.F.: 1.0 Eff.: 93.7% Code: G							
	50Hz 50HP 400/415V 62.3/60.1A 2972/2975rpm S.F.: 1.0 Eff.: 93.9/94.1% Code: G/H							
CSA Certified for	Model	LATER		Type	PJP			
	CLASS I, Div. 2, Gr. A, B, C & D	CLASS II, Div. 2 Gr. E, F & G		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	870 lb


4M-135702

**MARINE DUTY IEEE45**

Made in Korea H1



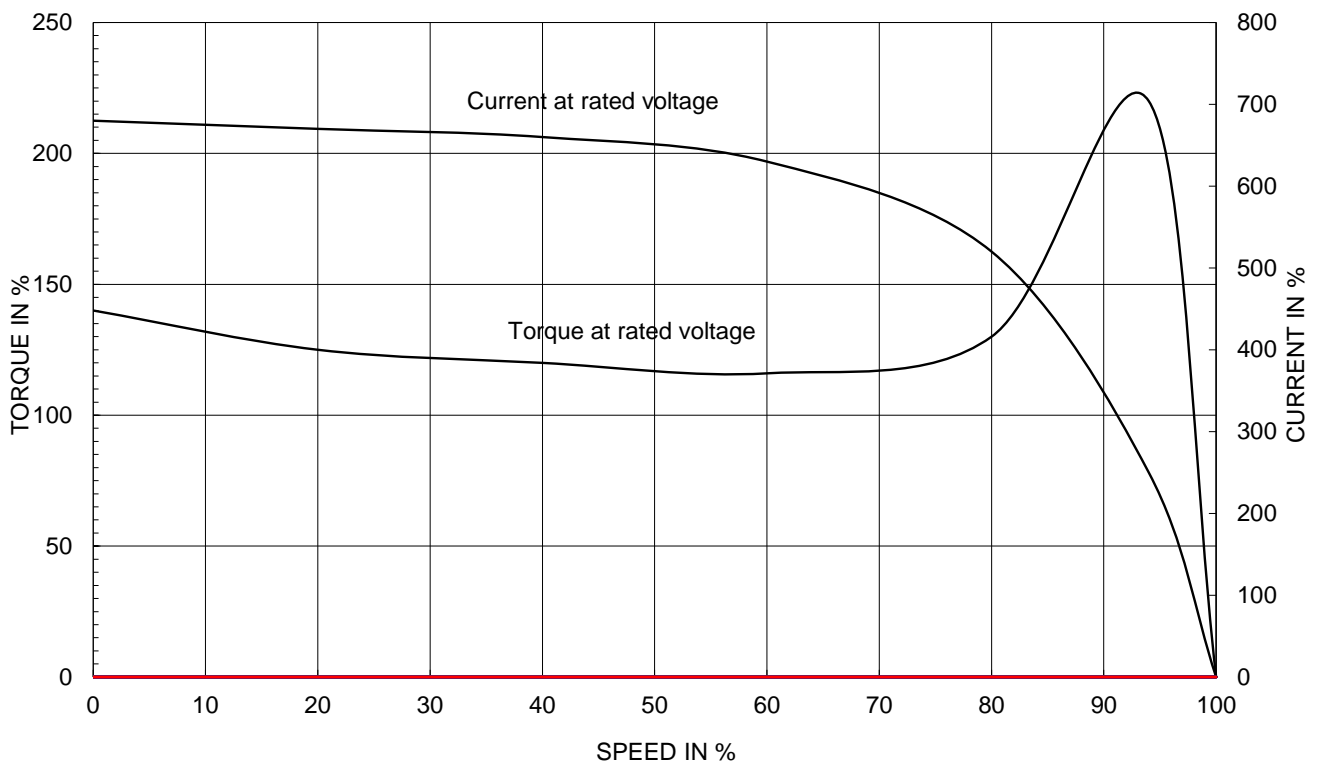
2.36

APPD BY	S.Y.KIM	UNIT	INCH	SUBJECT	CSA Class I, Division2 Severe Duty (HHI, 364-449)	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-135702</b>		Sheet No. of		
	DWG NO	<b>NP-HHI60-36-364TSCRD</b>		Revision No. <b>0</b>		

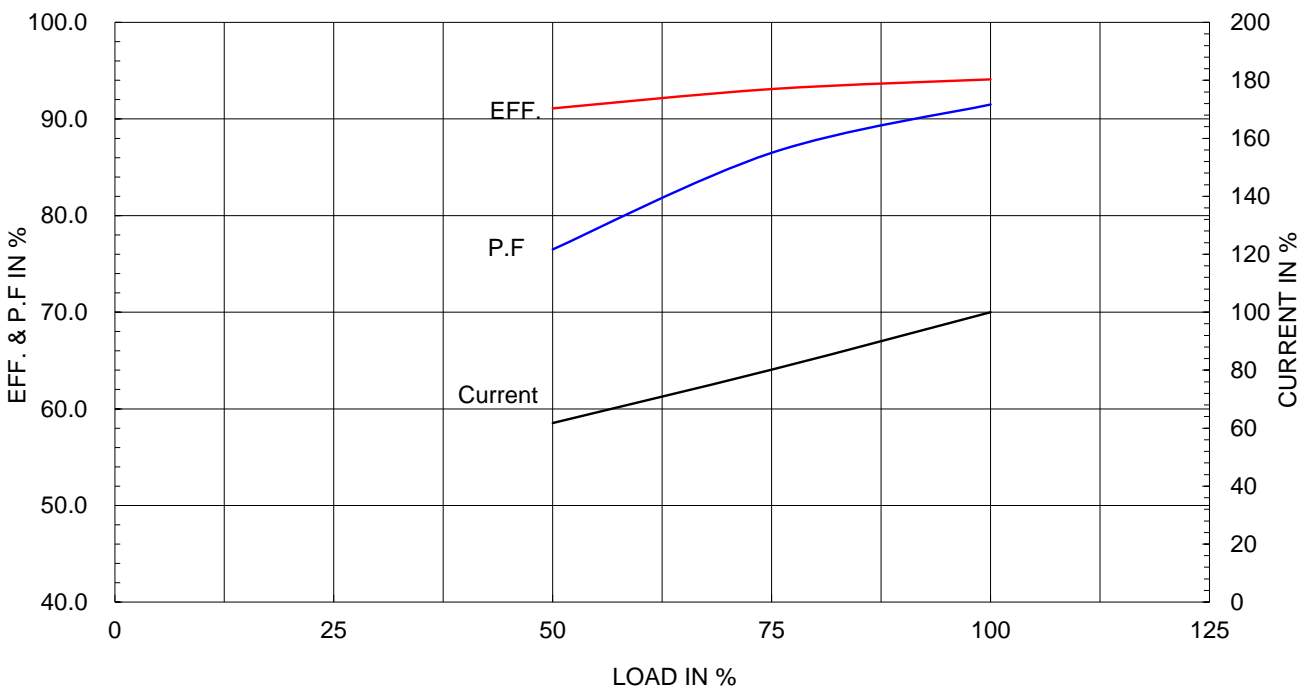
Type :	PJP
Full Load Torque :	88.8 lb.ft
Load moment of Inertia (J) :	112.720 lb.ft <sup>2</sup>
Motor moment of Inertia (J) :	9.280 lb.ft <sup>2</sup>

45kW 60HP	2 P	60 Hz
Speed at Full Load : 3570 RPM		
Rated Voltage	575V	460V 230V
Full Load Current	52.5A	65.6A 131.2A

SPEED VS TORQUE & CURRENT CURVE



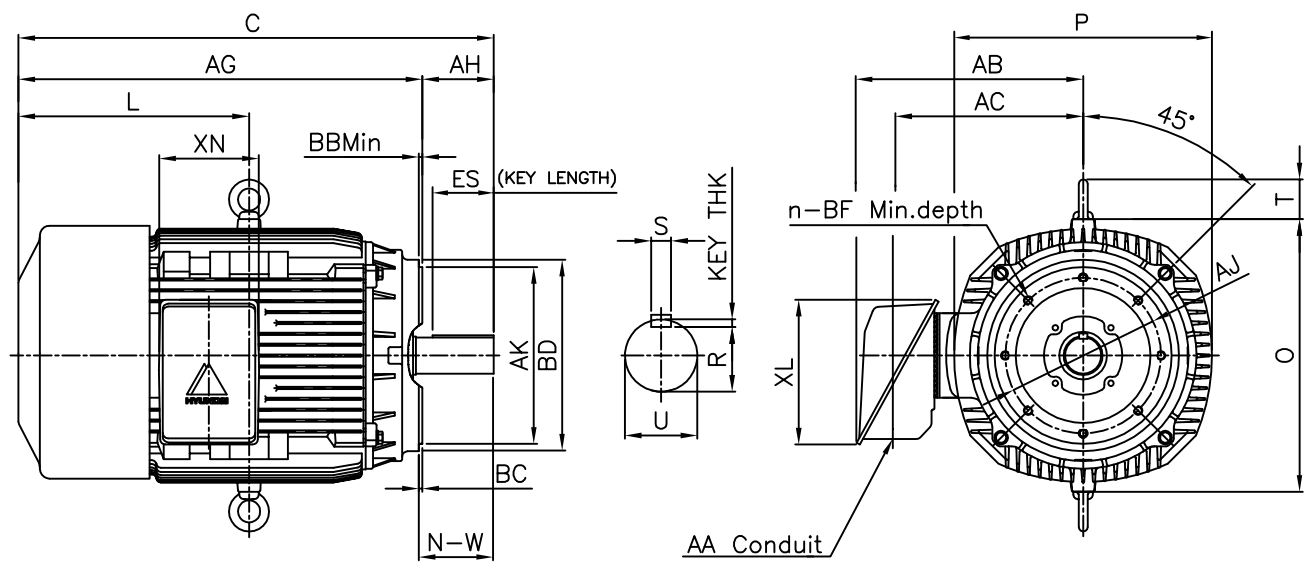
OUTPUT VS EFF., P.F & CURRENT CURVE



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							



DIMENSIONS

Unit : inch

C - F A C E									CONDUIT BOX					APPROX. WGT.(LB)
AJ	AK	BB Min	BC	BD	BF	BF depth	n	AH	AA	AB	AC	XL	XN	
11.00	12.50	0.25	0.25	13.54	5/8-11	0.94	8	3.50	3.00	17.13	13.82	10.24	7.09	870

O V E R A L L						S H A F T					KEY		BEARING	
C	L	O	P	T	AG	U	N-W	KEYWAY			THK.	DRIVE END	OPP. DRIVE END	
								R	ES	S				
31.88	16.13	19.29	17.75	2.80	28.13	1.875	3.75	1.591	2.03	0.500	0.500	6213C3	6213C3	

**NOTE**

- 1.Dimension "U" tolerance : +0.000inch ~ -0.0005inch (143TC-215TC): +0.000inch ~ -0.001inch (254TC-449TC)
- 2.Dimension "R" tolerance : +0.000inch ~ - 0.015inch
- 3.Dimension "AK" tolerance : +0.000inch ~ -0.003inch (143TC-286TC): +0.000inch ~ -0.005inch (324TC-449TC)

APPD BY	S.K.HAN	UNIT	INCH	SUBJECT	NEMA 364TSC	DWG SIZE
CHKD BY	S.Y.KIM	SCALE	NONE			A4 ( 1:1 )
CHKD BY	Y.H.BAE	PROJEC'N	3각법(3rd Angle)	TITLE <b>OUTLINE</b>		
DSND BY	N.R.LEE	DATE	2019-06-03			



REF. NO	350A1513BA	Sheet No.	of
DWG NO	LM-T1364C5CL001	Revision No.	0

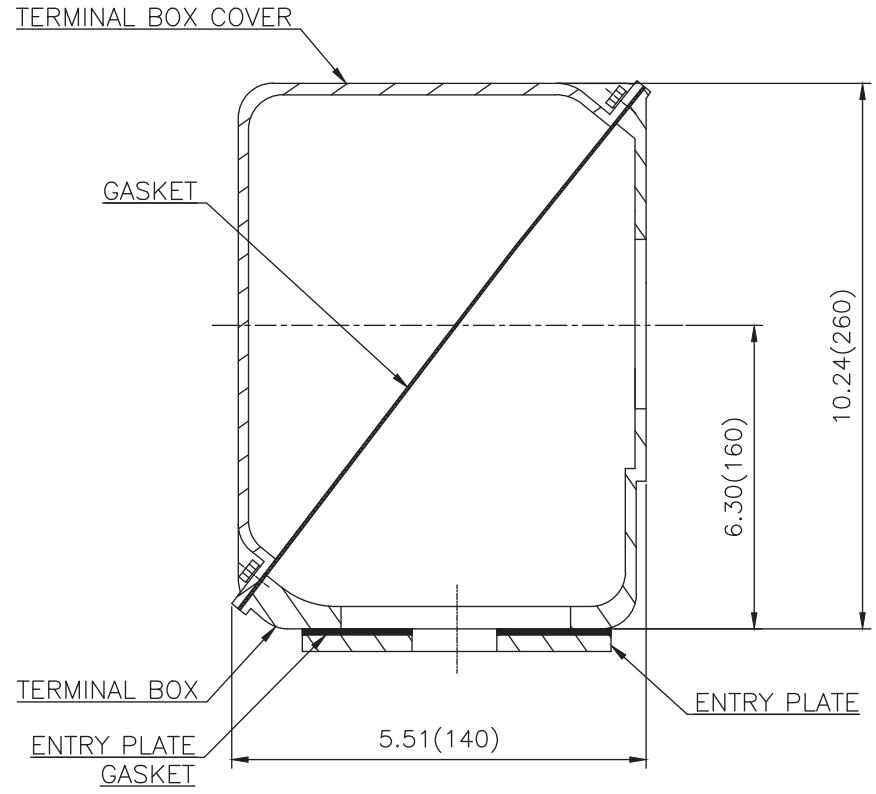
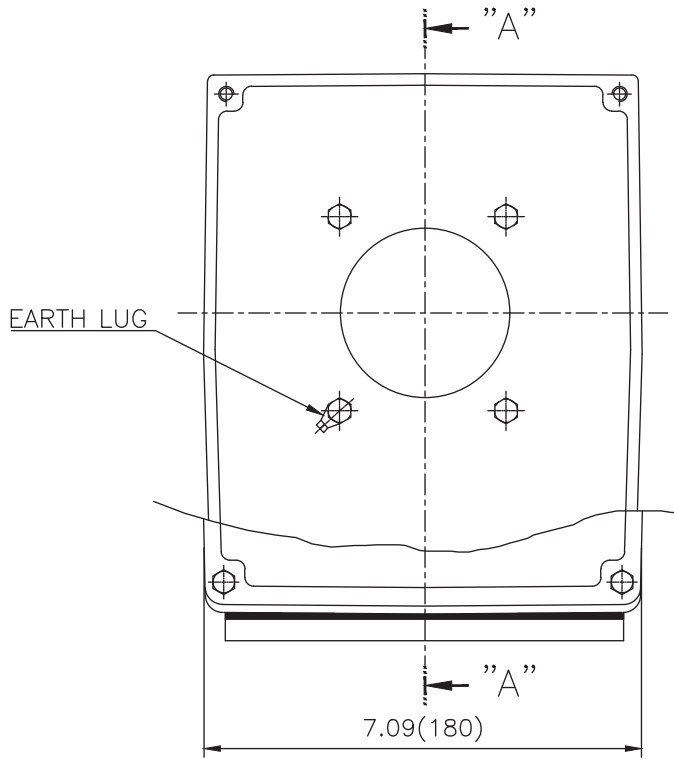


**HD HYUNDAI ELECTRIC**

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# 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		일반계공공차	
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.360 (CAST IRON)	DWG SIZE	A3 (1:1.2)
CHKD BY		SCALE	1/1.2	TITLE			
CHKD BY	R.G.KIM	PROJEC'N	3rd Angle	MAIN TERMINAL BOX ASS'Y			
DSND BY	내승희	DATE	2023-10-19	REF. NO		Sheet No.	of
<b>HD HYUNDAI ELECTRIC</b>				DWG NO	3M-248450	Revision No.	0