



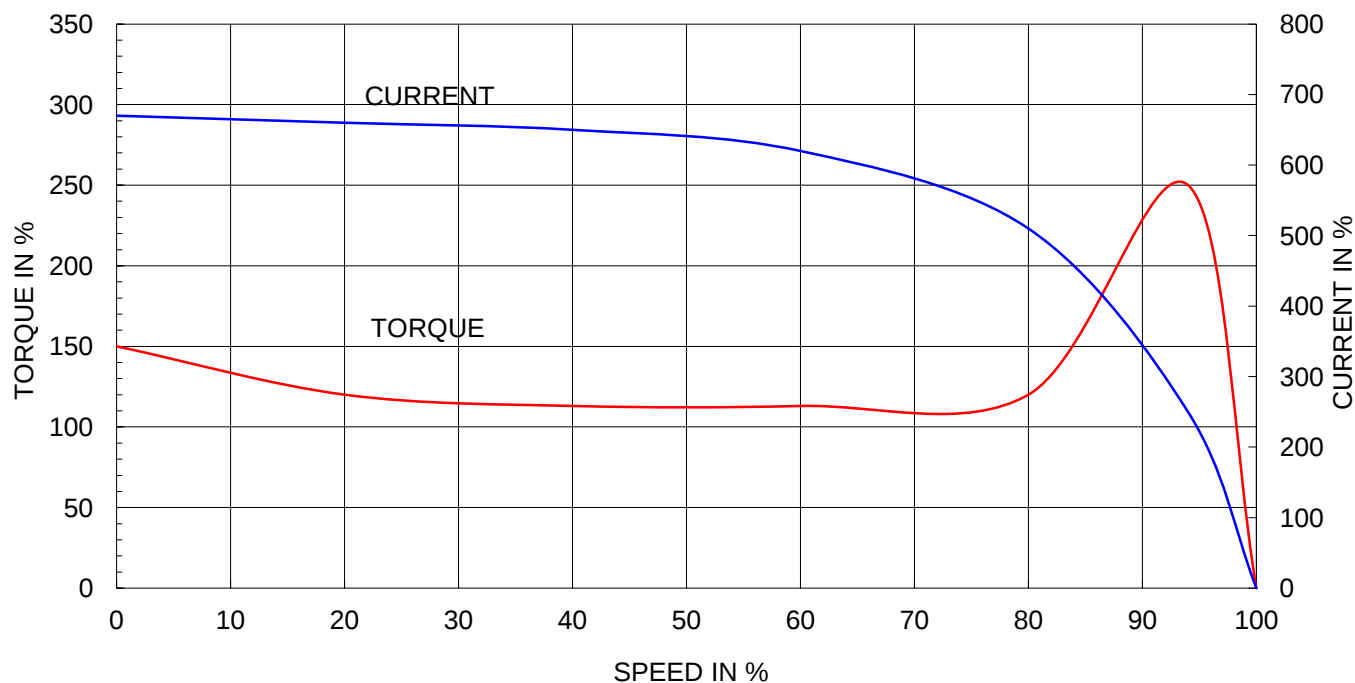
Note: Others not mentioned in this data sheet shall be in accordance with maker standard.
 Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.
 Inspection and performance test shall be maker standard, if not mentioned.
 * In case of Inverter-Fed Motor, performance data is based on sine wave tests.
 ** Data is based on when the motor is supplied at rated voltage & frequency. and the data is expressed as a percentage of full-load value.

HHI W230-131-1 * In case of Inverter or V.V.V.F Motor:Performance data is based on sine wave tests. A4(210mm X 297mm)

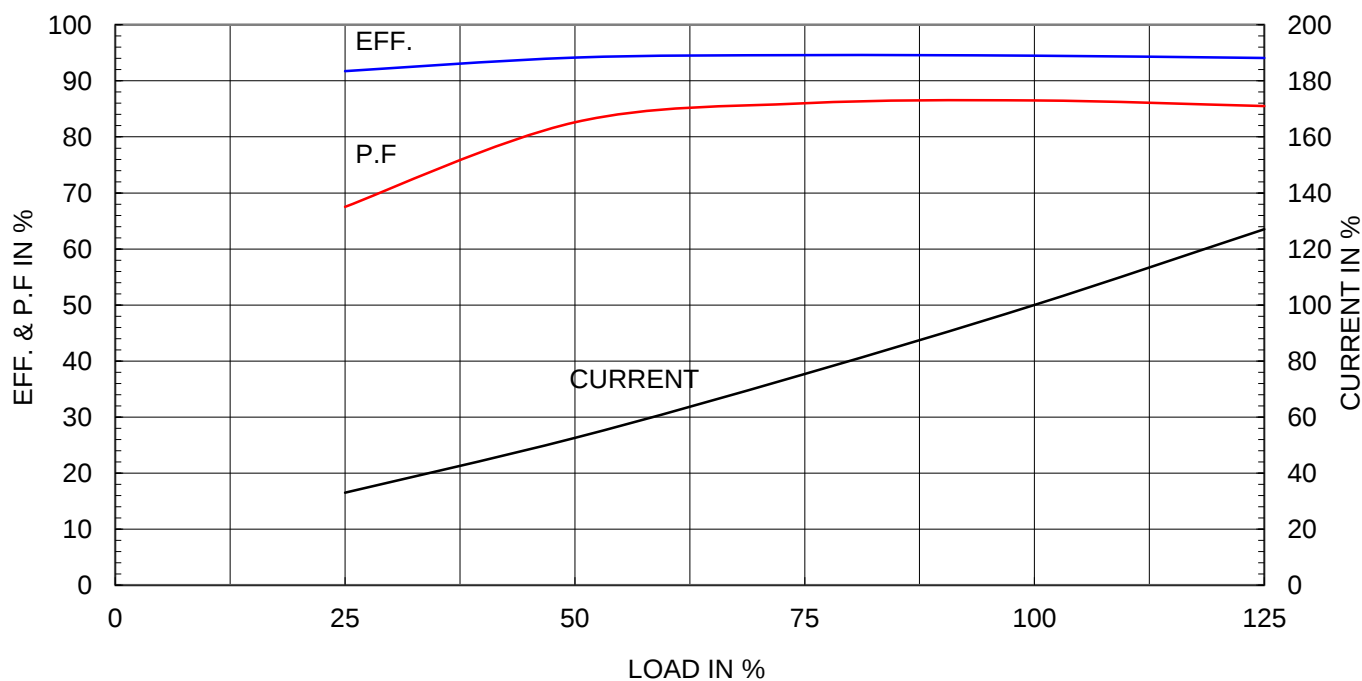
Type	:	HS
Full Load Torque	:	41.0 Kg.m
Motor moment of Inertia (J)	:	1.723 Kg.m ²
Load moment of Inertia (J)	:	56.350 Kg.m ²

75 kW		4 P		60 Hz	
Speed at Full Load :				1780 RPM	
Rated Voltage	440V	380V	220V		
Full Load Current	120.4A	139.4A	240.8A		

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE



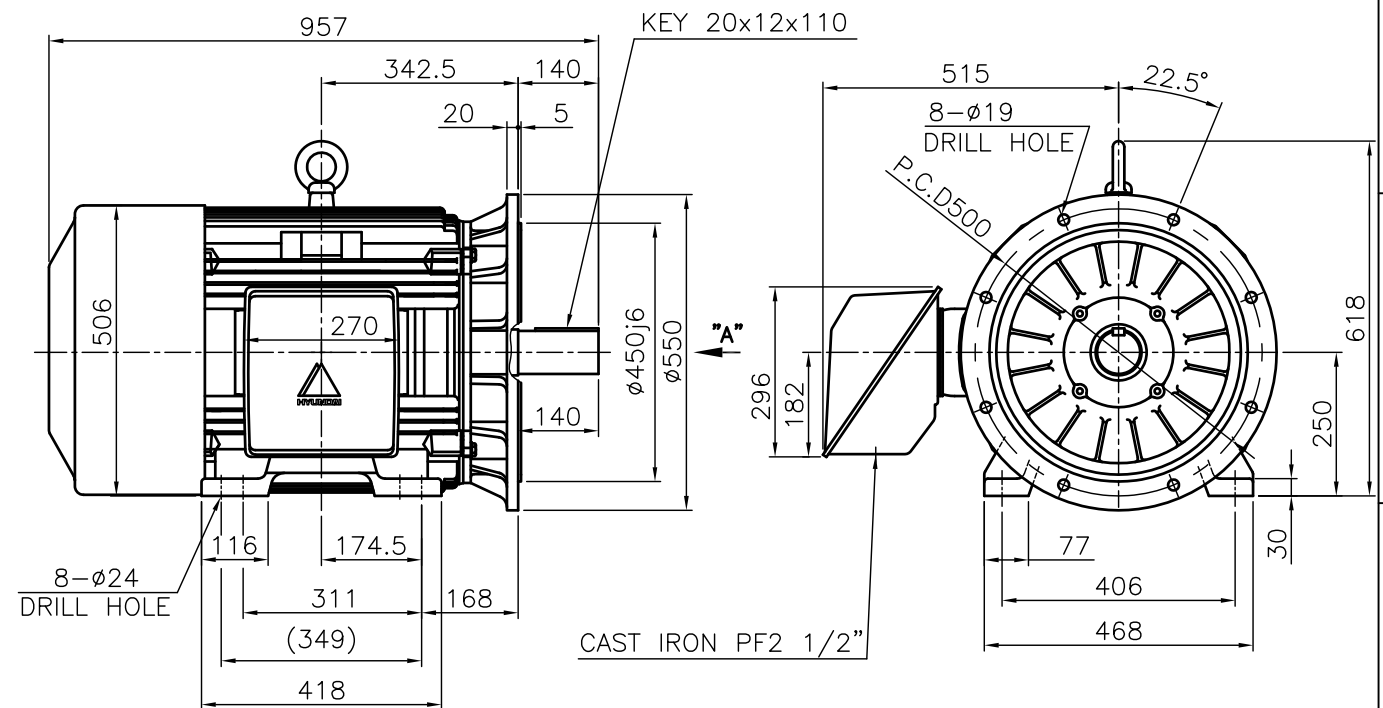
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 HYUNDAI HEAVY INDUSTRIES CO., LTD.		TEFC THREE PHASE INDUCTION MOTOR		TYPE	(1) TNB , TDB
					CAST IRON FRAME

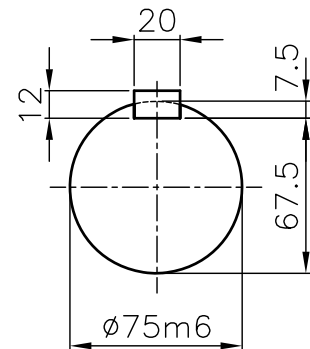


NOTE

1.TOLERANCE :

CENTER HEIGHT	250	$\begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$
RABBET DIAMETER	$\phi 450 \pm 0.020$	
SHAFT DIAMETER	$\phi 75$	$\begin{smallmatrix} +0.030 \\ +0.011 \end{smallmatrix}$
KEYWAY WIDTH	20	$\begin{smallmatrix} -0.022 \\ -0.074 \end{smallmatrix}$
KEYWAY DEPTH	7.5	$\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$

2.The type (1)-"TNB , TDB" is for HHI's standard products and it can be changed for customer's requirements or detail designing.



VIEW "A"
SCALE 4/1

TEFC STANDARD	
CAD PROJ	\ FILE
MMSTD MTR/TJ5SCP51	

APPD BY	KANG K.J.	UNIT	MM
CHKD BY	KIM O.J.	SCALE	1/13
CHKD BY	LEE N.D.	PROJEC'N	3rd Angle
DSND BY	KIM RYANG GYU	DATE	2007.03.23

SUBJECT	KS Fr.250S TEFC	
TITLE	OUTLINE THREE-PHASE INDUCTION MOTOR	
REF. NO	L2-Series	Sheet No. of
DWG NO	TJ5SCP51	Revision No. 0

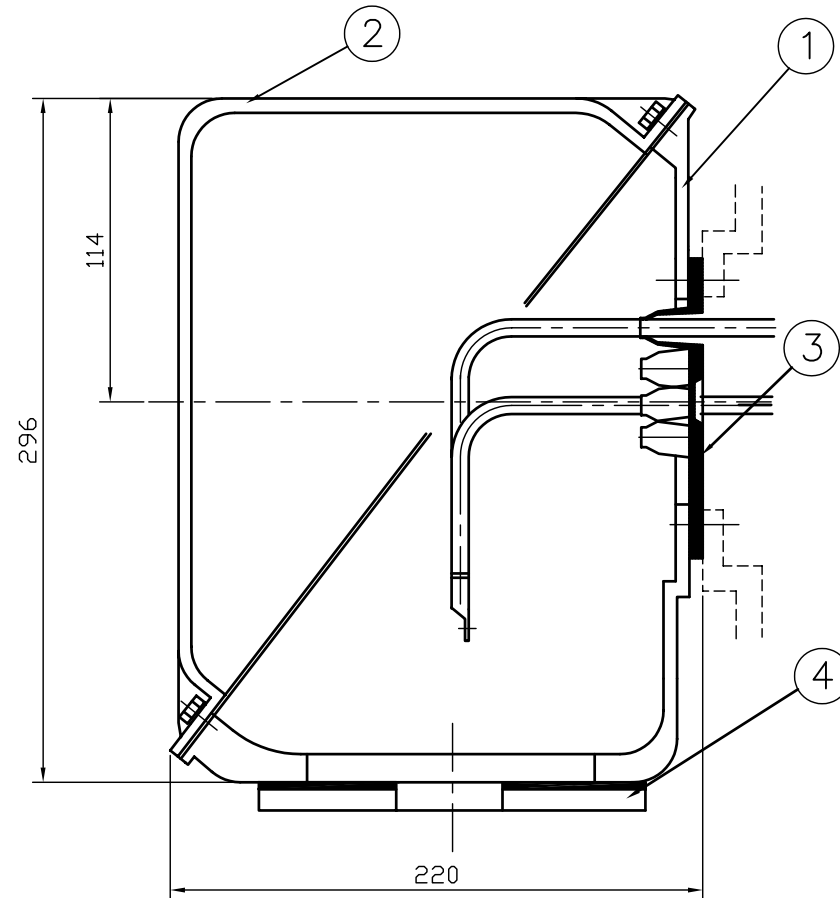
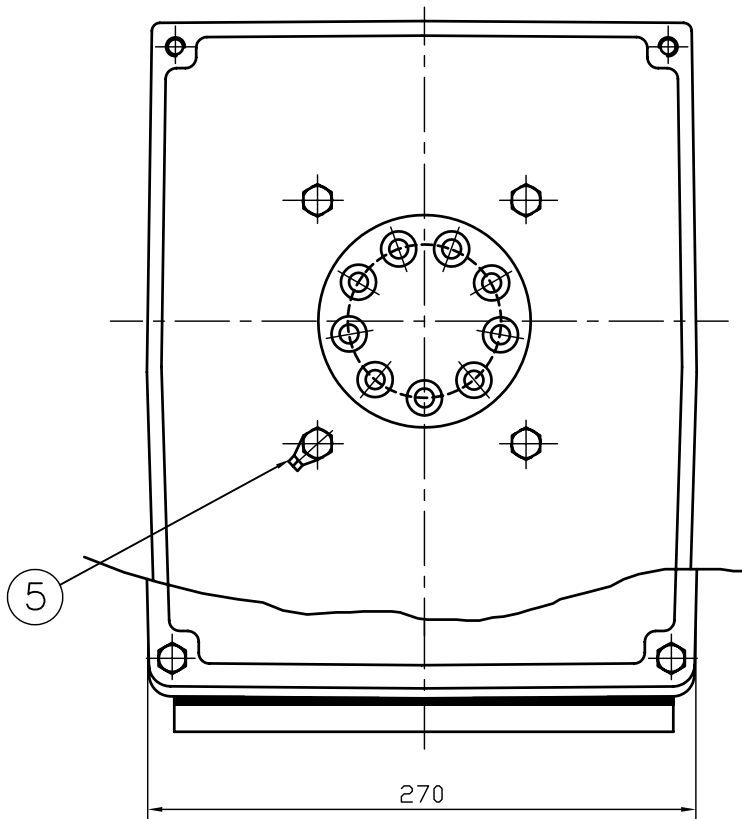
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본 도면은 현대중공업(주) 재산이므로 허가없이
복사할 수 없음 (도면제출 시 유의하시기 바랍니다.)



1	EARTH TERMINAL LUG						5
1	CABLE ENTRY PLATE						4
1	GASKET	NBR					3
1	TERMINAL BOX COVER	CAST IRON					2
1	TERMINAL BOX BODY	CAST IRON					1
Q'TY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APPD BY	김 진 오	UNIT	MM	SUBJECT	HLA6 - 250,280Fr.	CAD PROJ ㉠ \ FILE ㉠	
Q.P. CHK	주 영 겅	SCALE	NONE			T-BOX-M \ 3R016882	
CHKD BY	권 오 철	PROJEC'N	3 각법 (3rd Angle)	TITLE (CAST IRON) TERMINAL BOX ASS'Y			
DSND BY	김 현 태	DATE	92.06.05				
				REF. NO		Sheet No. of	
				DWG NO	3M-016882	Revision No.	

REV	DATE	CONTENTS	REVD BY	CHKD BY	Q.P. CHK	APPD BY
1						
2						
3						
4						