

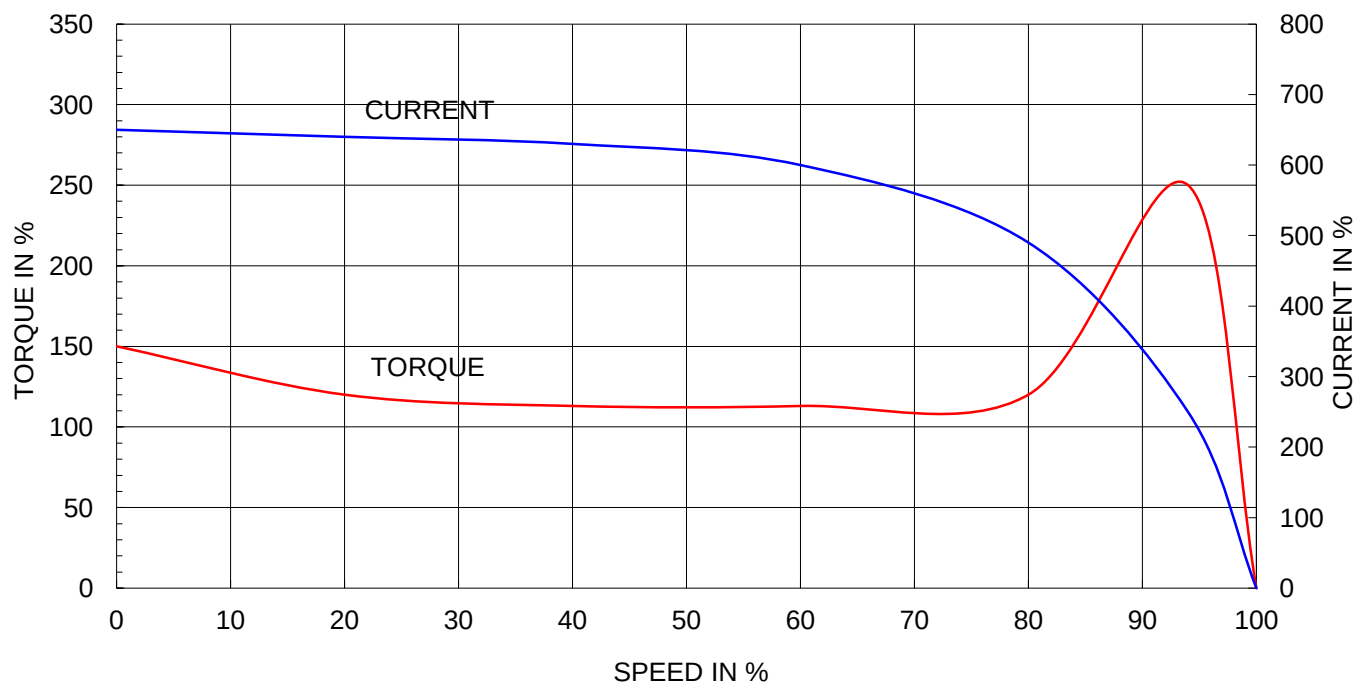


Note: Others not mentioned in this data sheet shall be in accordance with maker standard.
 Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.
 Inspection and performance test shall be maker standard, if not mentioned.
 * In case of Inverter-Fed 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.

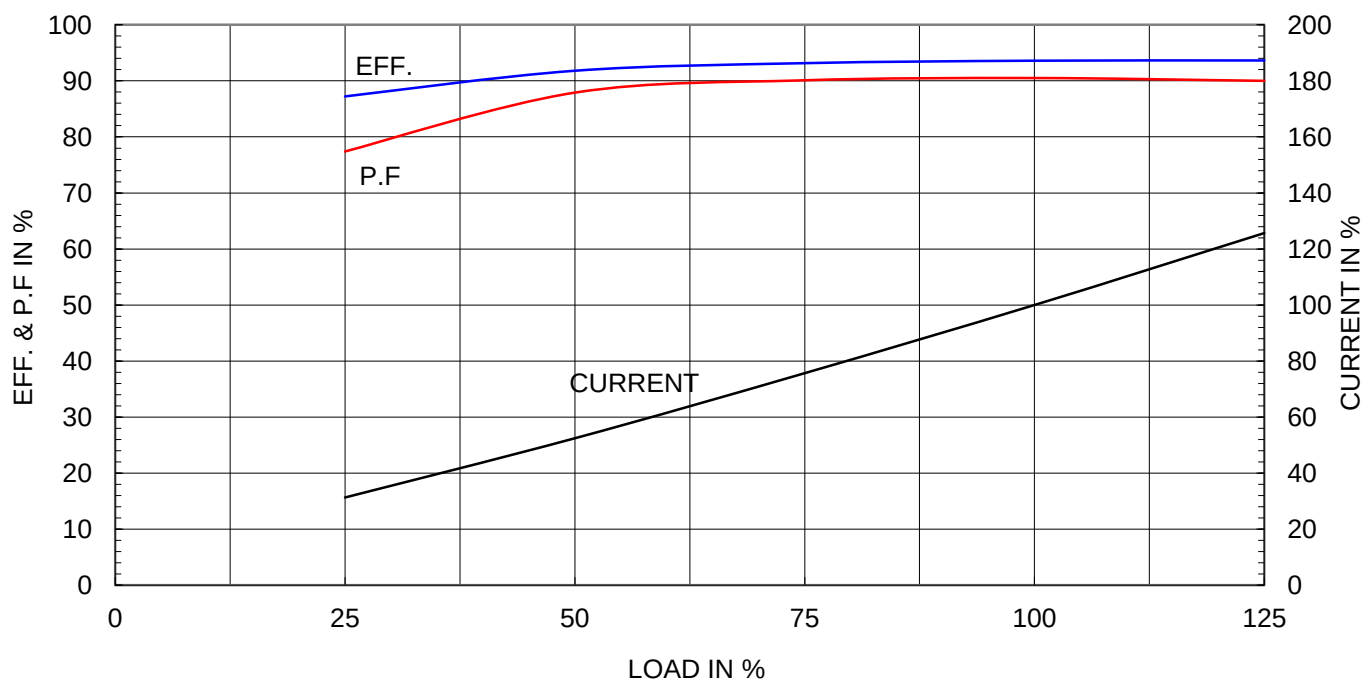
Type	:	HS
Full Load Torque	:	20.5 Kg.m
Motor moment of Inertia (J)	:	1.053 Kg.m ²
Load moment of Inertia (J)	:	9.050 Kg.m ²

75 kW		2 P		60 Hz	
Speed at Full Load :				3570 RPM	
Rated Voltage	440V	380V	220V		
Full Load Current	116.2A	134.5A	232.4A		

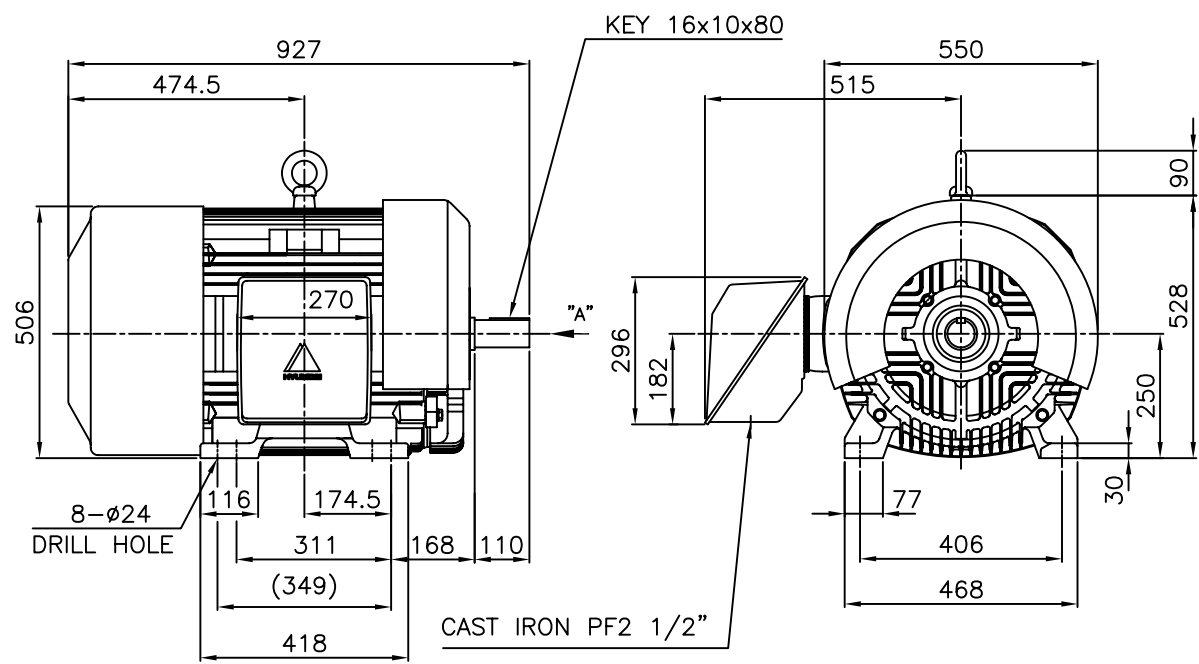
SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE



1	2	3	4
 HYUNDAI HEAVY INDUSTRIES CO., LTD.		TEFC THREE PHASE INDUCTION MOTOR	TYPE (1) TNB , TDB CAST IRON FRAME

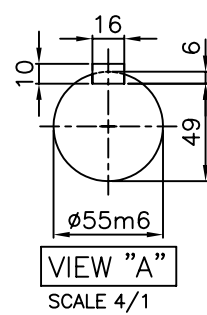


NOTE

1.TOLERANCE :

CENTER HEIGHT	250	$\begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$
BASE HOLE	$\phi 24$	$\begin{smallmatrix} +0.43 \\ 0 \end{smallmatrix}$
SHAFT DIAMETER	$\phi 55$	$\begin{smallmatrix} +0.030 \\ +0.011 \end{smallmatrix}$
KEYWAY WIDTH	16	$\begin{smallmatrix} -0.018 \\ -0.061 \end{smallmatrix}$
KEYWAY DEPTH	6	$\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$
KEY WIDTH	16	$\begin{smallmatrix} 0 \\ -0.043 \end{smallmatrix}$
KEY HEIGHT	10	$\begin{smallmatrix} 0 \\ -0.090 \end{smallmatrix}$

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



TEFC STANDARD
CAD PROJ \ FILE
MMSTDMTR/TJ5SAC50

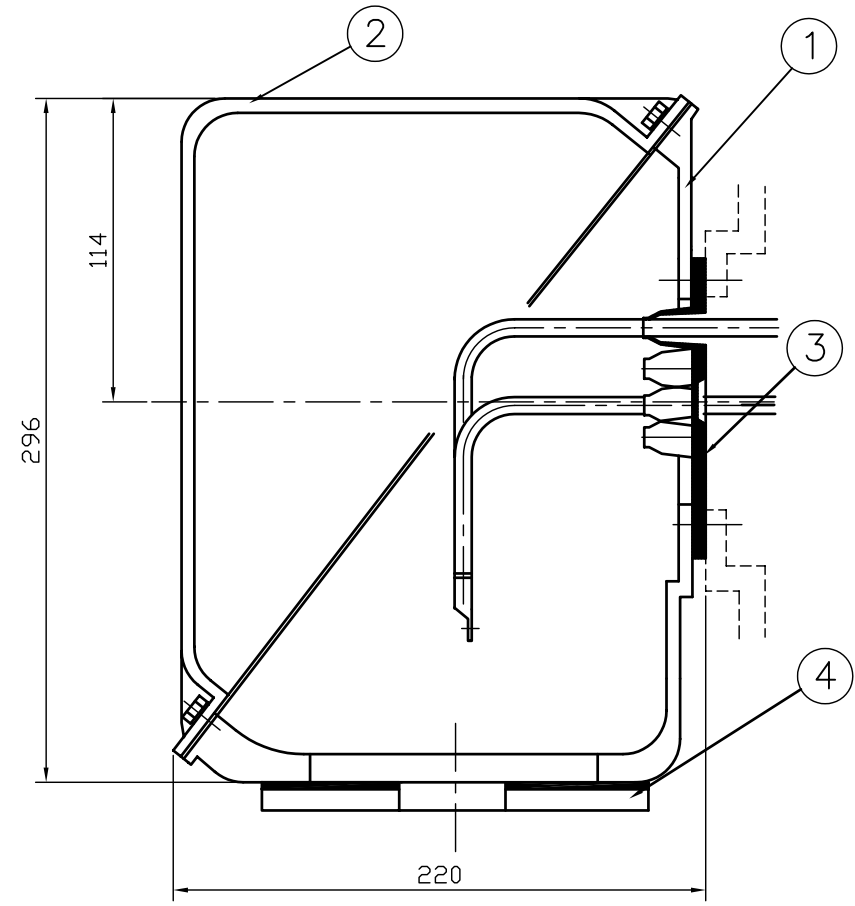
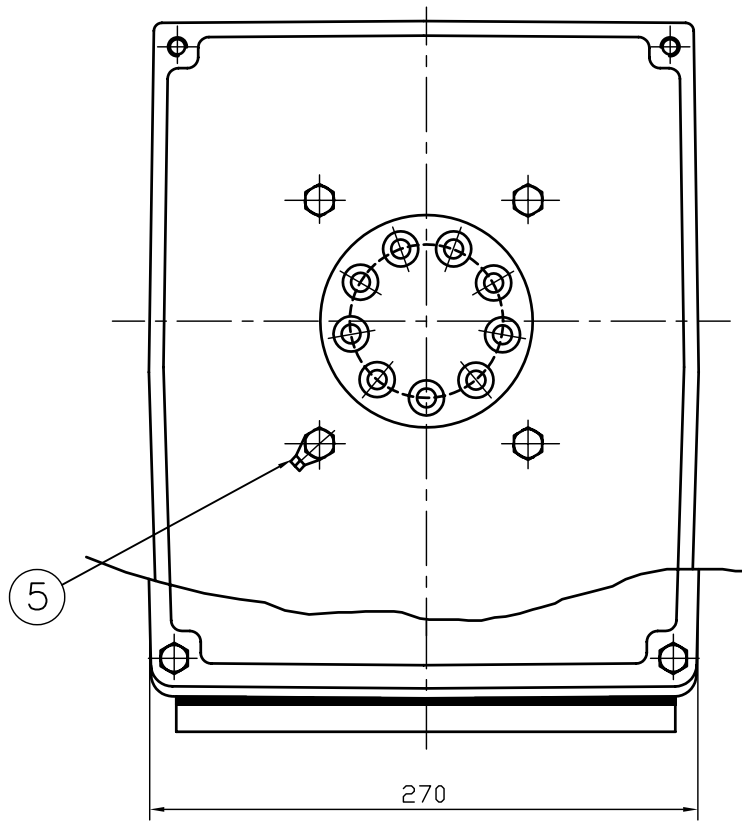
APPD BY	KANG K.J.	UNIT	MM
CHKD BY	KIM O.J.	SCALE	1/15
CHKD BY		PROJEC'N	3rd Angle
DSND BY	KIM RYANG GYU	DATE	2003.08.30

SUBJECT	KS Fr.250S TEFC
TITLE	OUTLINE THREE-PHASE INDUCTION MOTOR

REF. NO	L2-Series	Sheet No.	of
DWG NO	TJ5SAC50	Revision No.	0

G
F
E
D
C
B
A

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 圖 \ FILE 圖 T-BOX-M \ 3R016882	
Q.P. CHK	주 영 겅	SCALE	NONE	TITLE (CAST IRON) TERMINAL BOX ASS'Y				
CHKD BY	권 오 철	PROJEC'N	3 각법 (3rd Angle)					
DSND BY	김 현 태	DATE	92.06.05	REF. NO			Sheet No. of	
 HYUNDAI ELECTRICAL ENGINEERING CO., LTD.				DWG NO	3M-016882		Revision No.	

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