

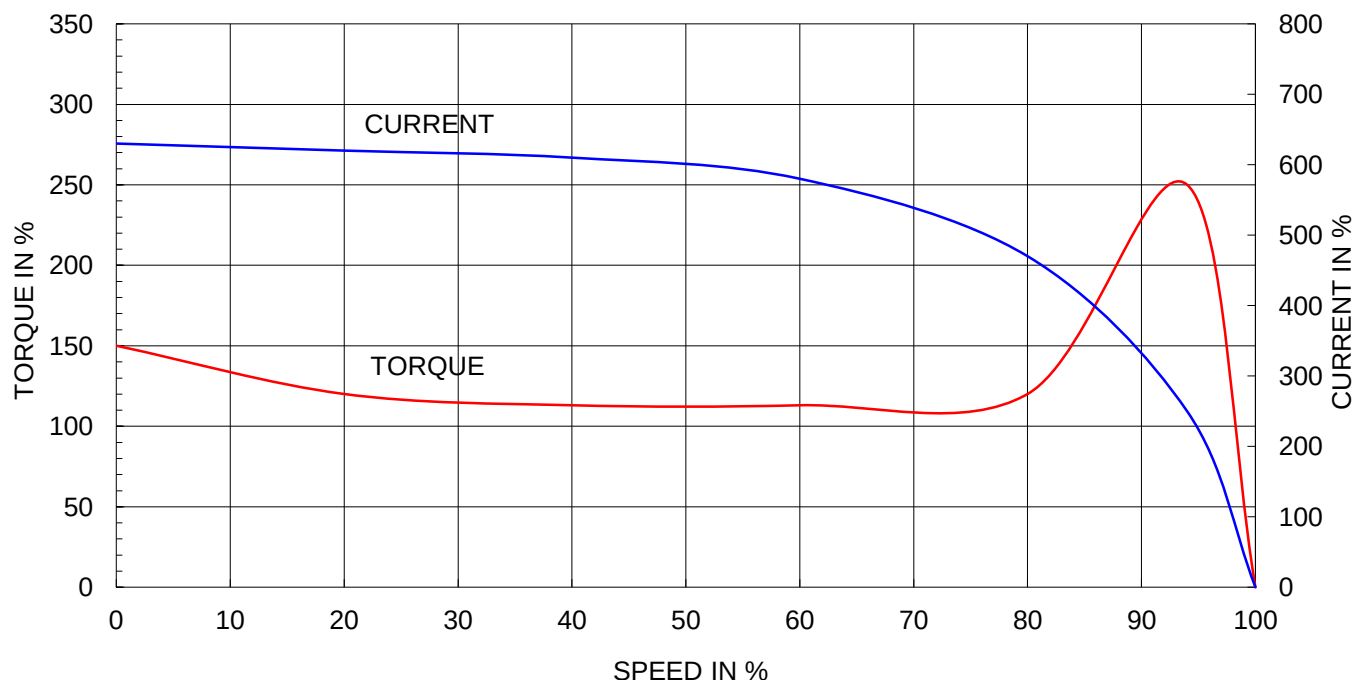


Note: Others not mentioned in this data sheet shall be in accordance with maker standard.
 Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.
 Inspection and performance test shall be maker standard, if not mentioned.
 * In case of Inverter-Fed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

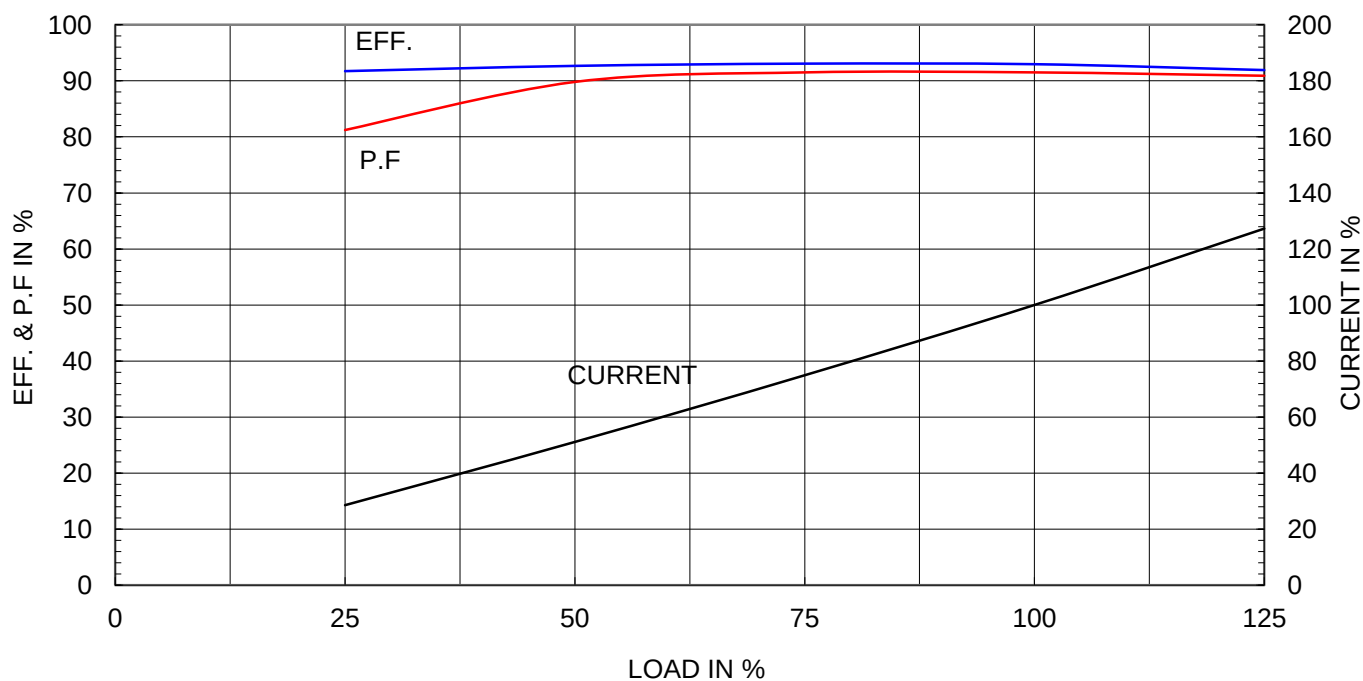
Type	:	HS
Full Load Torque	:	15.0 Kg.m
Motor moment of Inertia (J)	:	0.628 Kg.m ²
Load moment of Inertia (J)	:	5.750 Kg.m ²

55 kW		2 P		60 Hz	
Speed at Full Load :				3570 RPM	
Rated Voltage	440V	380V	220V		
Full Load Current	84.8A	98.2A	169.6A		

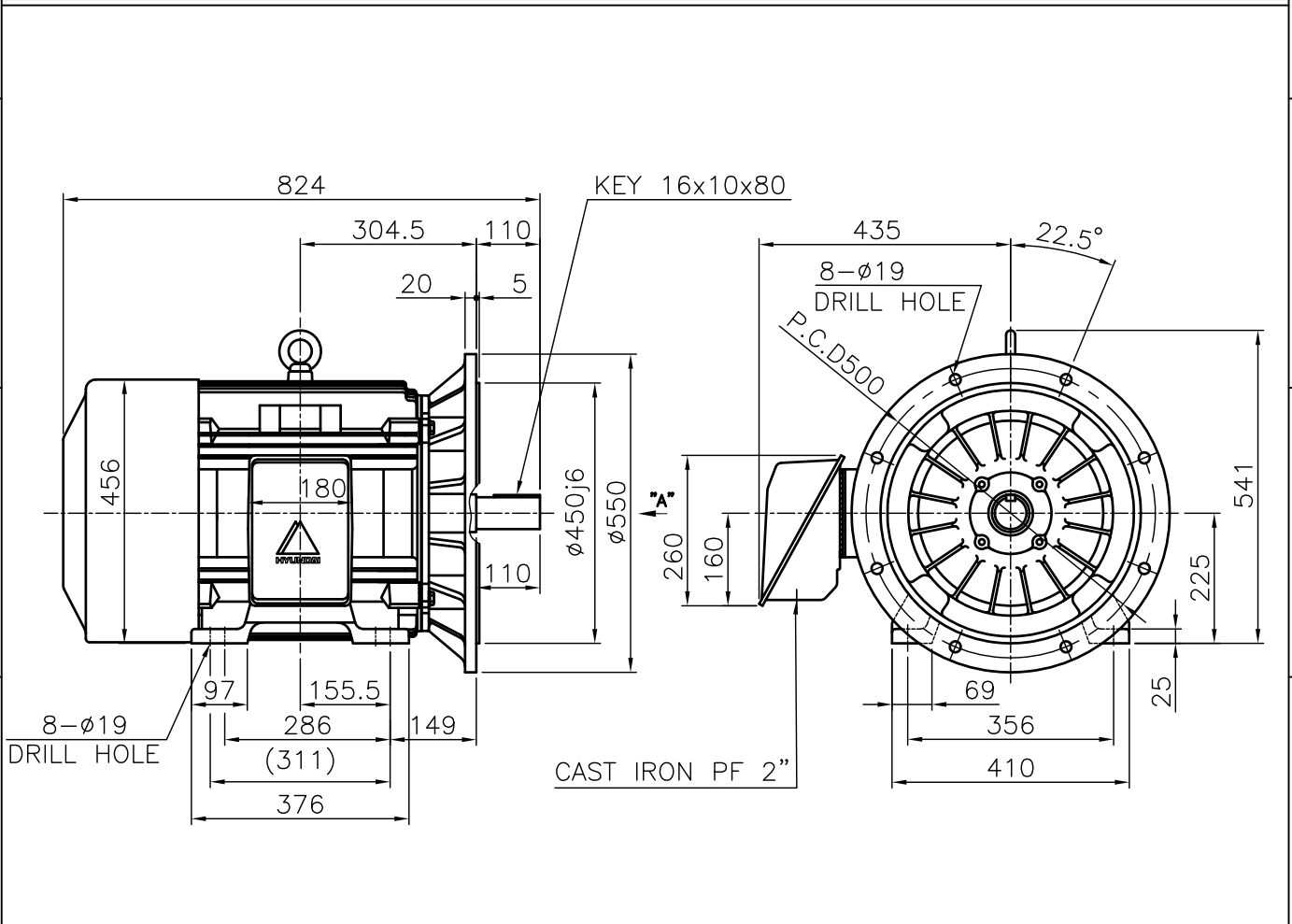
SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE



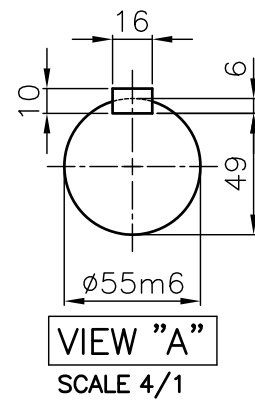
1	2	3	4
 HYUNDAI HEAVY INDUSTRIES CO., LTD.		TEFC THREE PHASE INDUCTION MOTOR	TYPE (1) TNB , TDB CAST IRON FRAME



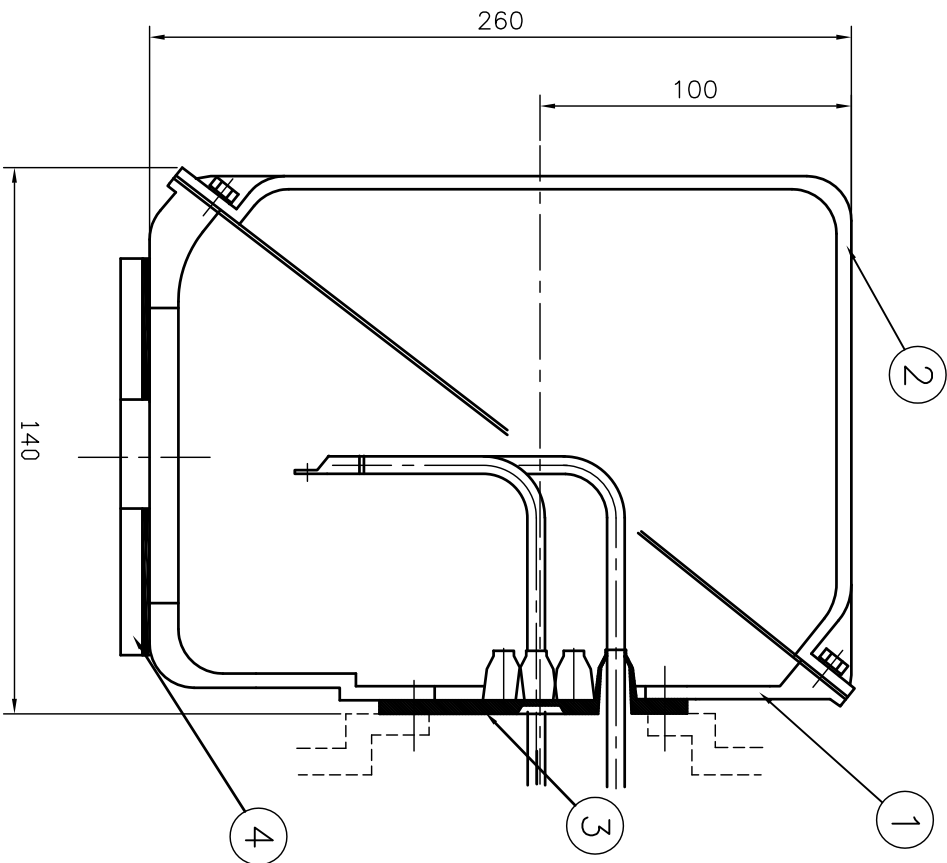
NOTE

1.TOLERANCE :	
CENTER HEIGHT	225 $\begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$
RABBET DIAMETER	$\phi 450 \pm 0.020$
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 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$

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	
APPD BY	KANG K.J.	UNIT	MM	SUBJECT	KS Fr.225S TEFC
CHKD BY	KIM O.J.	SCALE	1/13	TITLE OUTLINE THREE-PHASE INDUCTION MOTOR	
CHKD BY	LEE N.D.	PROJEC'N	3rd Angle		
DSND BY	KIM RYANG GYU	DATE	2003.03.23		
 HYUNDAI HEAVY INDUSTRIES CO., LTD. INDUSTRIAL & POWER SYSTEMS				REF. NO	L2-Series
				DWG NO	TJ2SCC50
				Sheet No. of	
				Revision No. 0	



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

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
QTY	DESCRIPTION	MATERIAL	DIMENSION		WEIGHT	PART NO.	REMARK	NO.
APPD BY	김진오	UNIT	MM	SUBJECT	HILA6 - 200, 225Fr.	CAD PROJ 8 \ FILE 8		
Q.P CHK	주영걸	SCALE	NONE	TITLE				
CHKD BY	권오철	PROJECT N 3 2차 (3rd Angle)		TERMINAL BOX ASS'Y				
DSND BY	김한태	DATE	92.06.05	REF. NO		Sheet No. of		
 HYUNDAI ELECTRICAL ENGINEERING CO., LTD.				DWG NO	3M-016881	Revision No. 0		
6	7	8	9					