

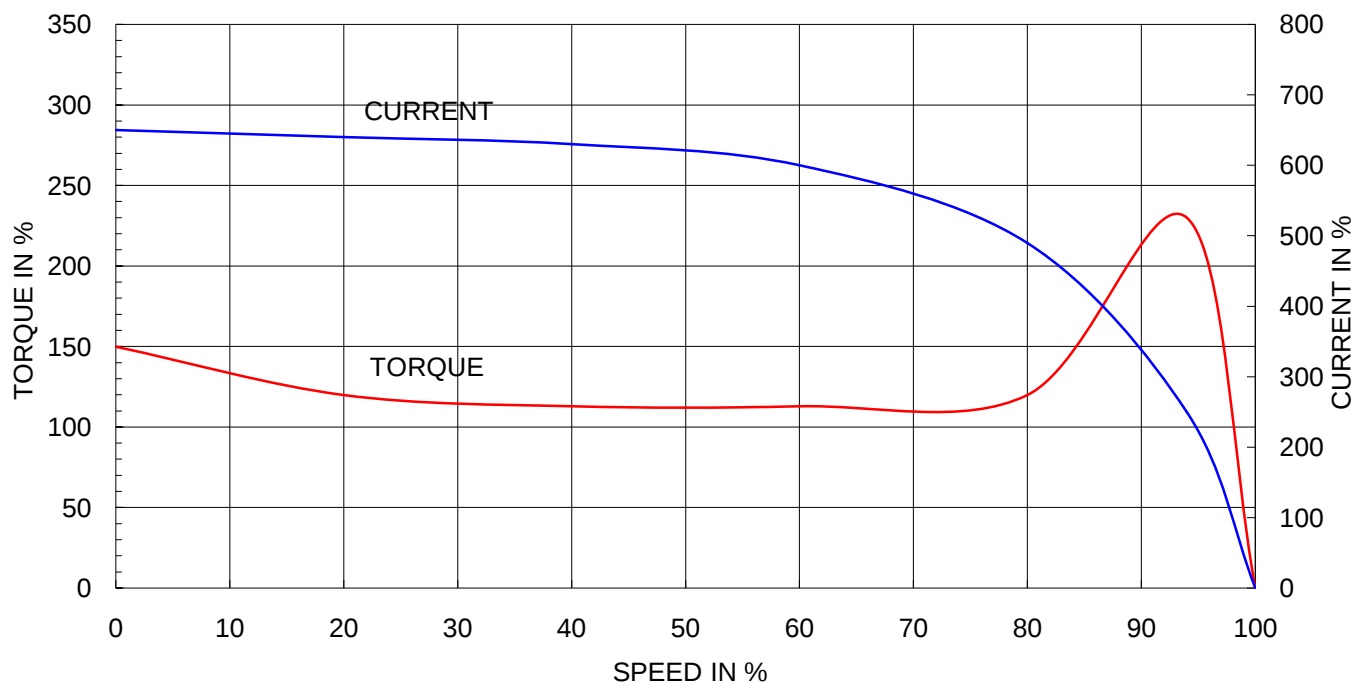


Note: Others not mentioned in this data sheet shall be in accordance with maker standard.
 Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.
 Inspection and performance test shall be maker standard, if not mentioned.
 * In case of Inverter-Fed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

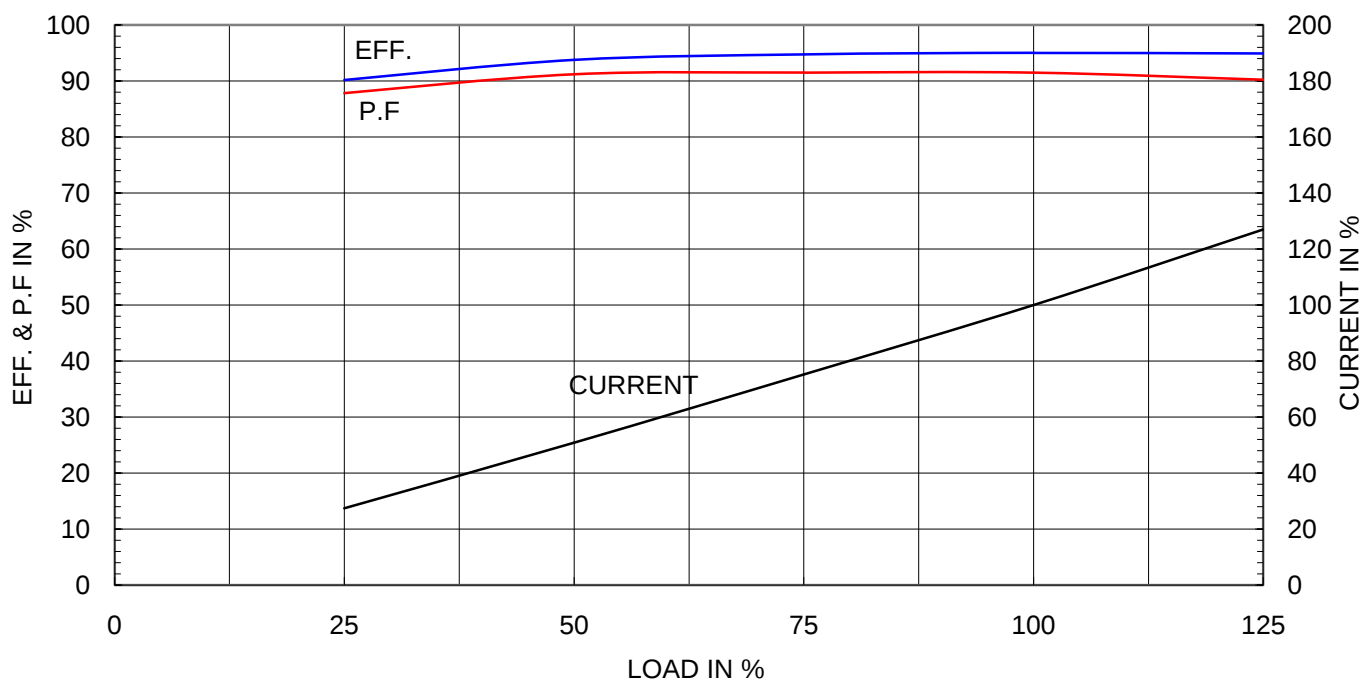
Type	:	GHB280L
Full Load Torque	:	43.7 Kg.m
Motor moment of Inertia (J)	:	2.540 Kg.m ²
Load moment of Inertia (J)	:	14.375 Kg.m ²

160 kW		2 P		60 Hz	
Speed at Full Load :				3570 RPM	
Rated Voltage	440V	380V	220V		
Full Load Current	241.5A	279.7A	483.1A		

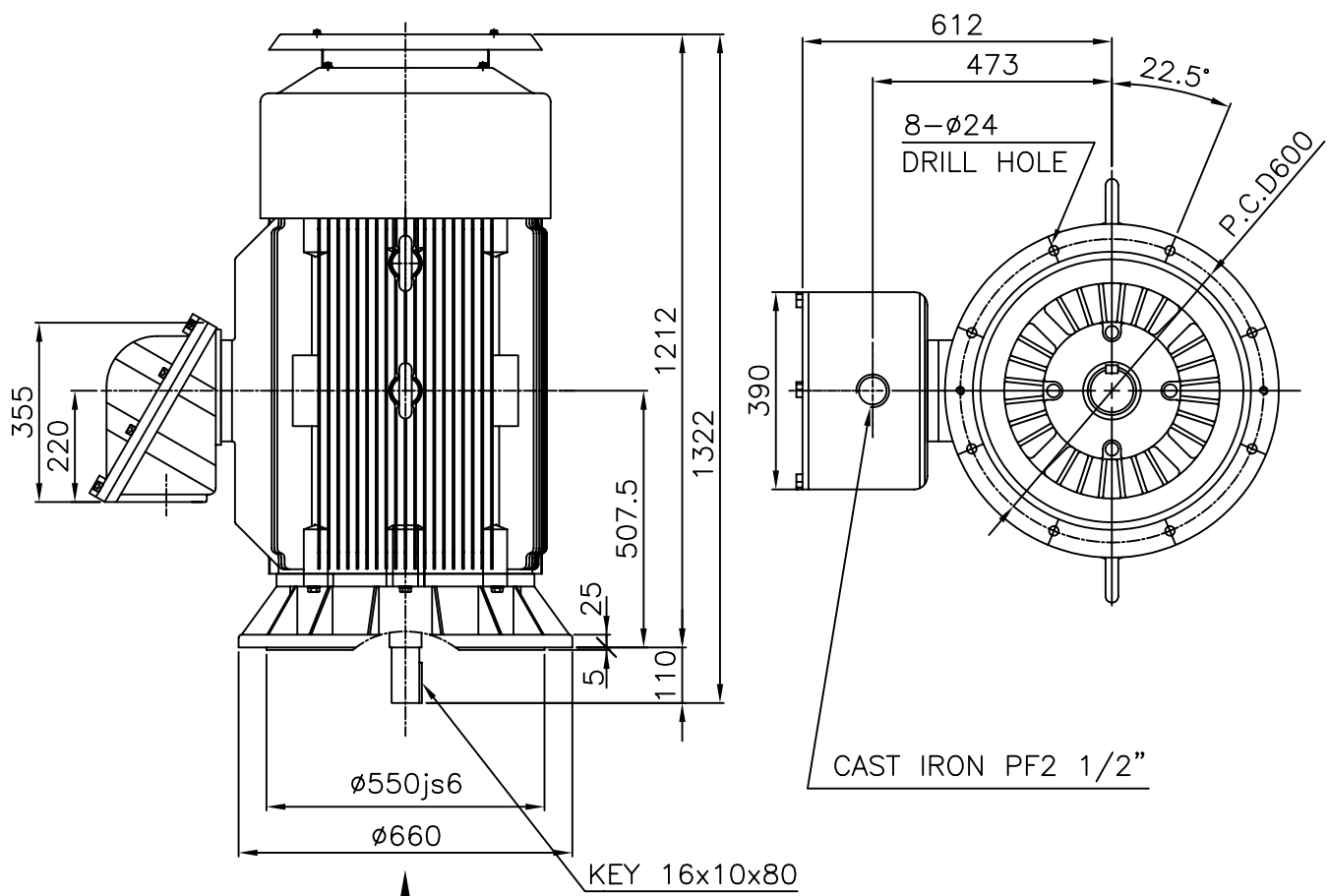
SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE



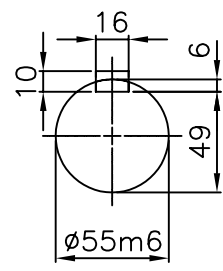
	TEFC THREE PHASE INDUCTION MOTOR	TYPE	GHB280X CAST IRON FRAME
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NOTE

1.TOLERANCE :

RABBET DIAMETER	ø550 ±0.022
SHAFT DIAMETER	ø55 +0.030 +0.011
KEYWAY WIDTH	16 -0.018 -0.061
KEYWAY DEPTH	6 +0.2 0
KEY WIDTH	16 0 -0.043
KEY HEIGHT	10 0 -0.090



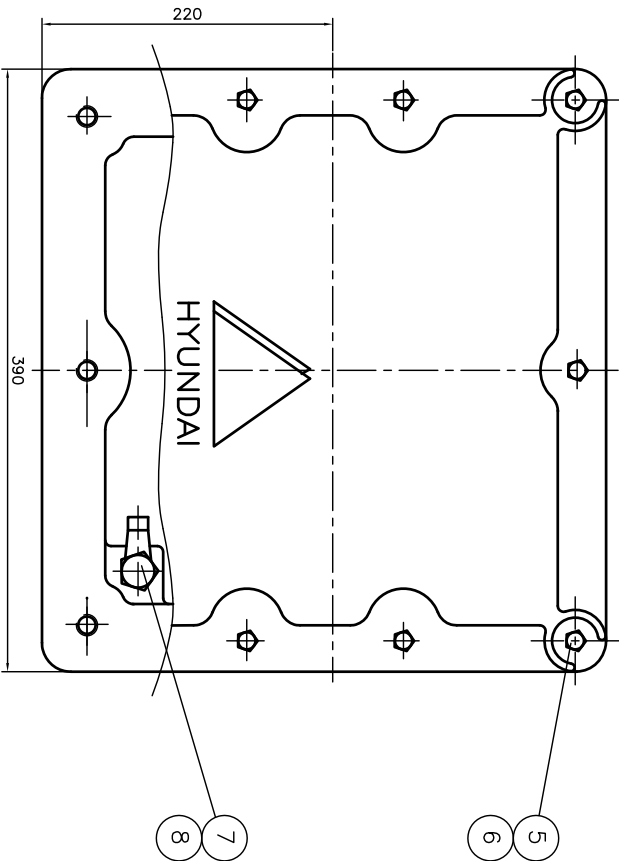
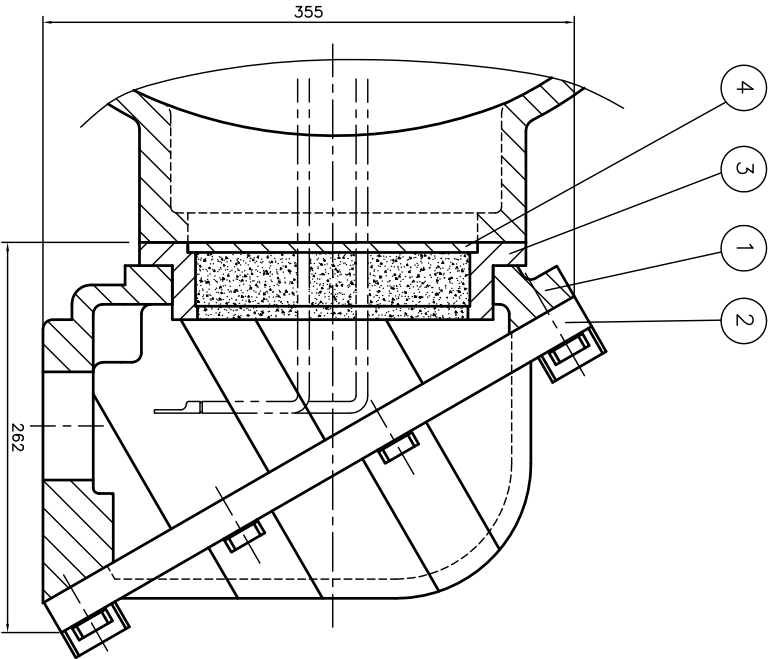
VIEW "A"
SCALE 4/1

2.Ex d IIB T4 : (EXPLOSION CONSTRUCTION & IGNITION GROUP)

TEFC STANDARD
CAD PROJ \ FILE
MMSTDMTR/GJ8XPC01

APPD BY	Y.S.KIM	UNIT	MM
CHKD BY		SCALE	1/15
CHKD BY		PROJEC'N	3rd Angle
DSND BY	LEE NOH DUK	DATE	2008.07.14

SUBJECT	KS Fr.280LL d2G4	TITLE	OUTLINE THREE-PHASE INDUCTION MOTOR
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REV	DATE	CONTENTS	REQD BY	CHKD BY	APPD BY
1					
2					
3					
4					

1	HEX. BOLT	BRONZE	M10				8
1	EARTH TERMINAL LUG	STD					7
10	SPRING WASHER	SUP-3					6
10	HEX. BOLT	S45C	M12				5
1	GUIDE PLATE	E.G.P					4
1	ADAPTER	FC25					3
1	TERMINAL BOX COVER	FC25					2
1	TERMINAL BOX BODY	FC25					1
QTY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APPD BY	SCALE	MM					
Q.P. CHK	SCALE	NONE					
CHND BY	PROJECT	3-24(3rd Angle)					
DSND BY	DATE	98.10.30					
REF. NO.							
DWG NO.							
3M-036962							
Sheet No.							
Revision No.							



TERMINAL BOX ASS'Y