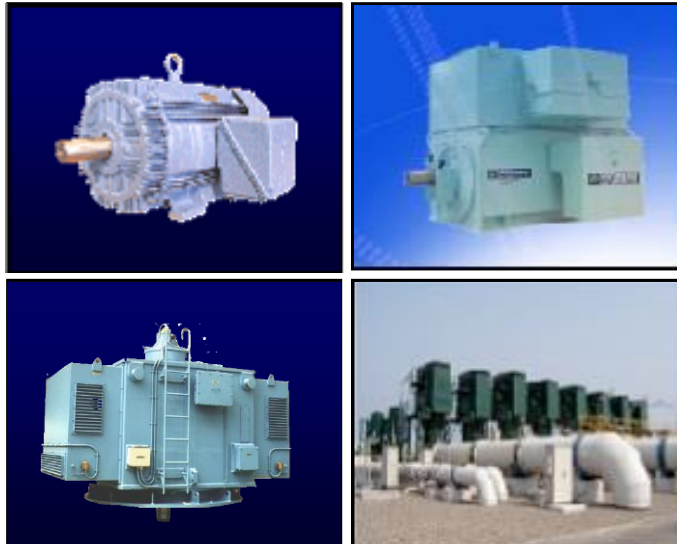


Customer :
Project Name :
Project No. :
Revision No. :

SPECIFICATION for INDUCTION MOTOR



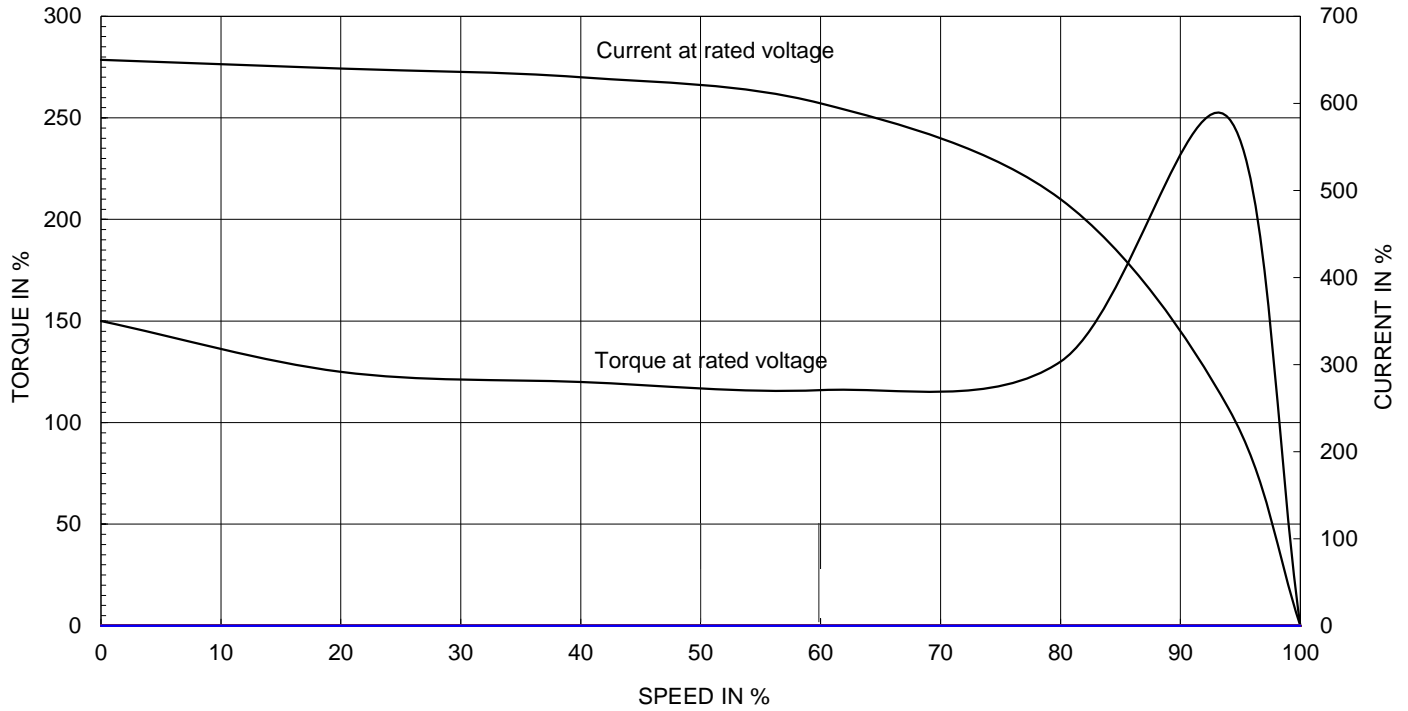
Contents

- | | |
|--------------------------------------|-----------|
| 1 . Data Sheet of AC Induction Motor | - 1Sheets |
| 2 . Speed-Torque & Current Curve | - 1Sheets |
| 3 . Outline Dimension Drawing | - 1Sheets |
| 4 . Main Terminal Box Drawing | - 1Sheets |

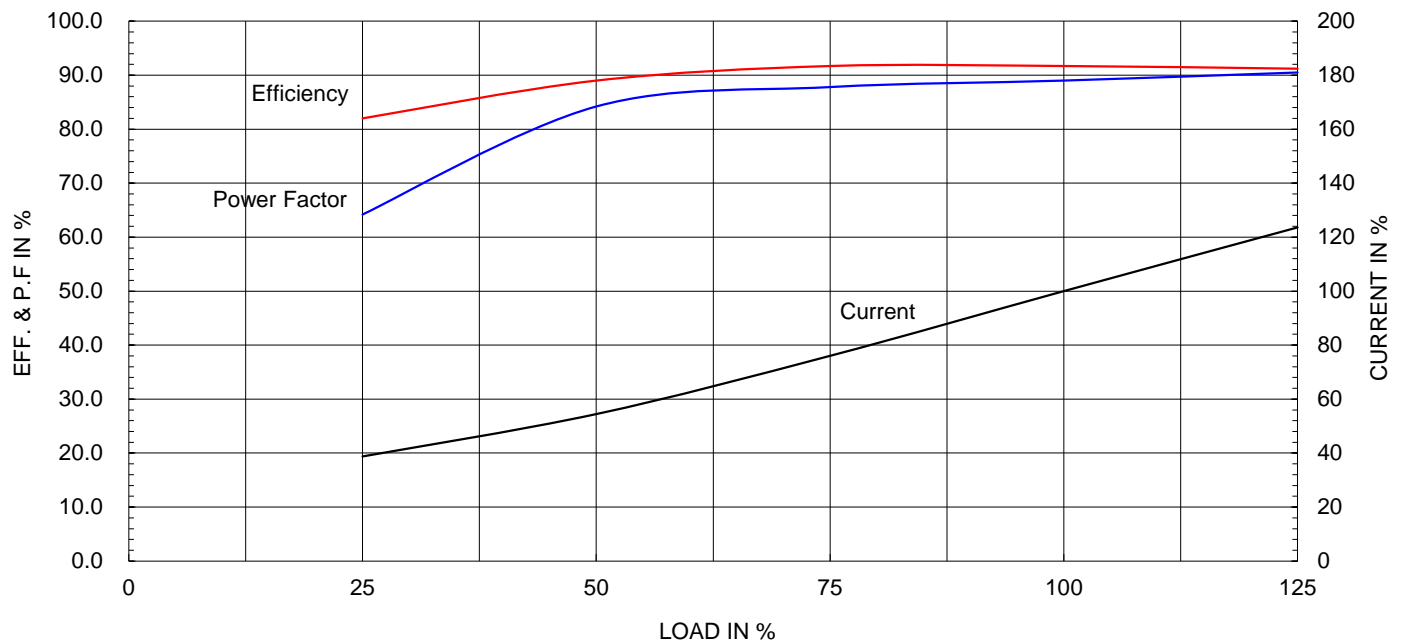
Type :	HLP-18.5/2	
Full Load Torque :	5.1	kg.m
Motor moment of Inertia (J) :	0.059	kg.m ²
Load moment of Inertia (J) :	2.500	kg.m ²

18.5 kW	2 P	60 Hz
Speed at Full Load :		3560 RPM
Rated Voltage	440V	
Full Load Current	29.7A	

SPEED VS TORQUE & CURRENT CURVE



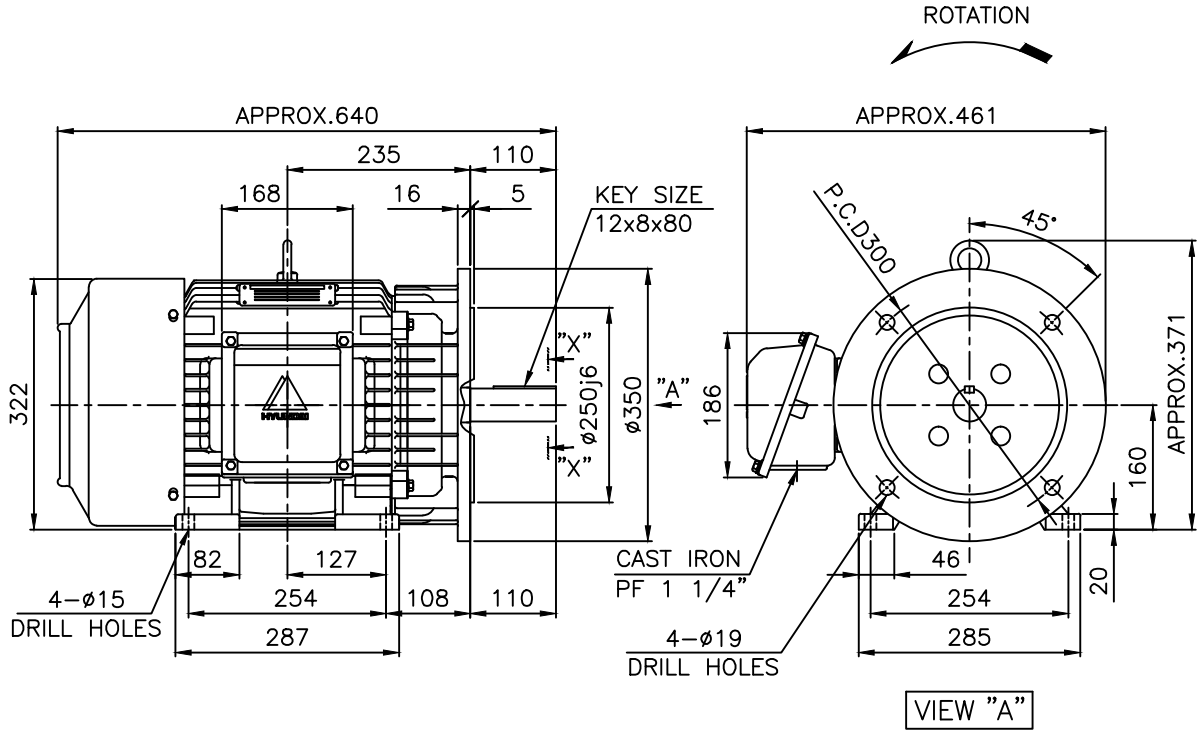
OUTPUT VS EFF., P.F & CURRENT CURVE



본 도면은 현대일렉트릭(주) 재산이므로
허가없이 복사할 수 없음 (취급주의)

THIS DRAWING IS PROPRIETARY TO HYUNDAI ELECTRIC. NO PART OF THIS DRAWING
MAY BE REPRODUCED WITHOUT THE PERMISSION OF HYUNDAI ELECTRIC.

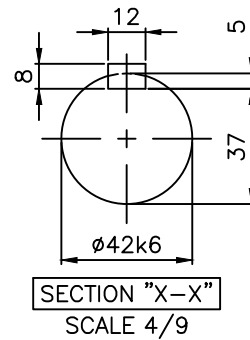
	1	2	3	4				
▽	50S	REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY
▽▽	12.5S							
▽▽▽	3.2S							
▽▽▽▽	0.4S							



NOTE

1.TOLERANCE :

CENTER HEIGHT	160	0	-0.5
BASE HOLES	$\phi 15$	+0.43	0
FLANGE HOLES	$\phi 19$	+0.52	0
RABBET DIAMETER	$\phi 250$	+0.016	-0.013
SHAFT DIAMETER	$\phi 42$	+0.018	+0.002
KEYWAY WIDTH	12	0	-0.043
KEYWAY DEPTH	5	+0.2	0
KEY WIDTH	12	0	-0.043
KEY HEIGHT	8	0	-0.090



APPD BY	S.K.HAN	UNIT	mm	SUBJECT	KS, IEC Fr.160L	DWG SIZE	A4 (1:9)
CHKD BY	S.Y.KIM	SCALE	1/9	TITLE	OUTLINE		
CHKD BY	R.G.KIM	PROJEC'N	3각법 (3rd Angle)	REF. NO		Sheet No.	of
DSND BY	장성근	DATE	2011-10-22	DWG NO	LM-T1165B4PL001	Revision No.	2



SEC. "A" - "A"

▽	50S
▽▽	12.5S
▽▽▽	3.2S
▽▽▽▽	0.4S

REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY	일반가공공차		일반제관공차	
							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.K.HAN	UNIT	mm	SUBJECT	FR.160~180 (CAST IRON)		DWG SIZE
CHKD BY	S.Y.KIM	SCALE	1/2	TITLE			A3 (1:2)
CHKD BY	R.G.KIM	PROJEC'N	3각법(3rd Angle)	Main Terminal Box Assembly			
DSND BY	H.K.LEE	DATE	2011-08-30	REF. NO.	227B8008LA2	Sheet No.	of
				DWG NO.	3M-145860	Revision No.	2