

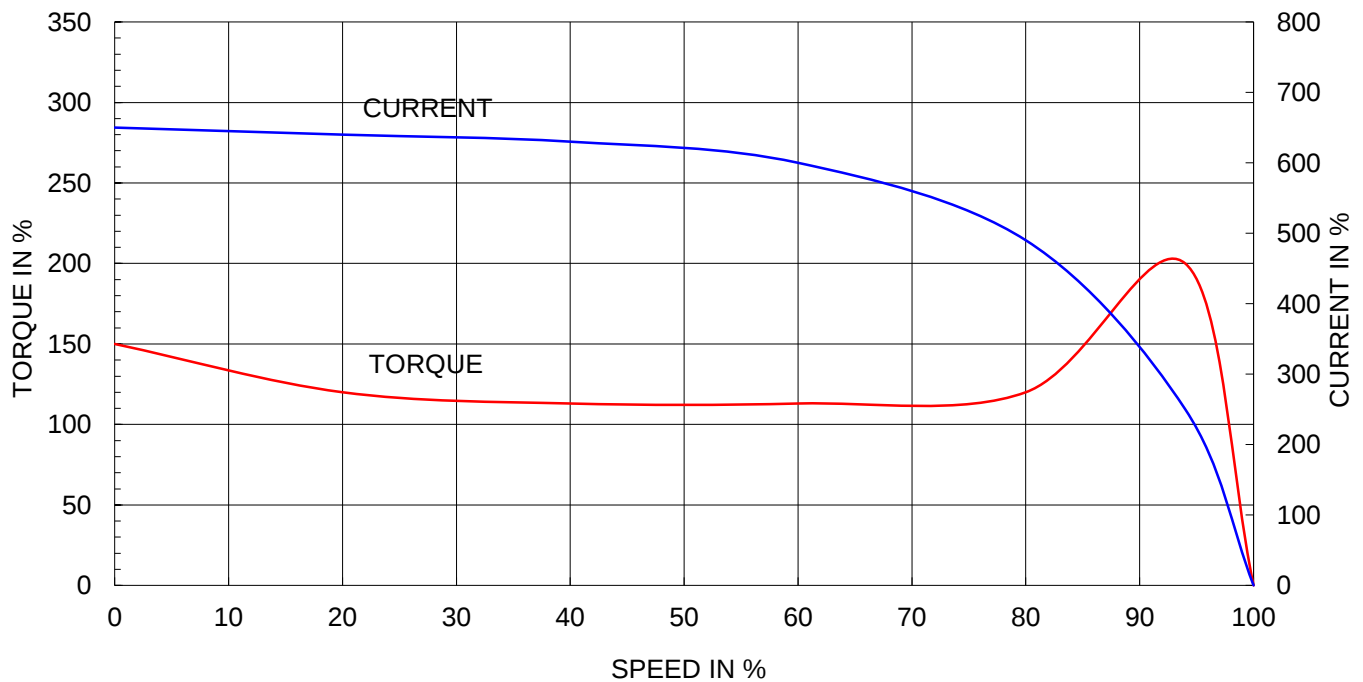


Note: Others not mentioned in this data sheet shall be in accordance with maker standard.
 Above technical data are only design values and shall be guaranteed with tolerance of applicable standard.
 Inspection and performance test shall be maker standard, if not mentioned.
 * In case of Inverter-Fed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

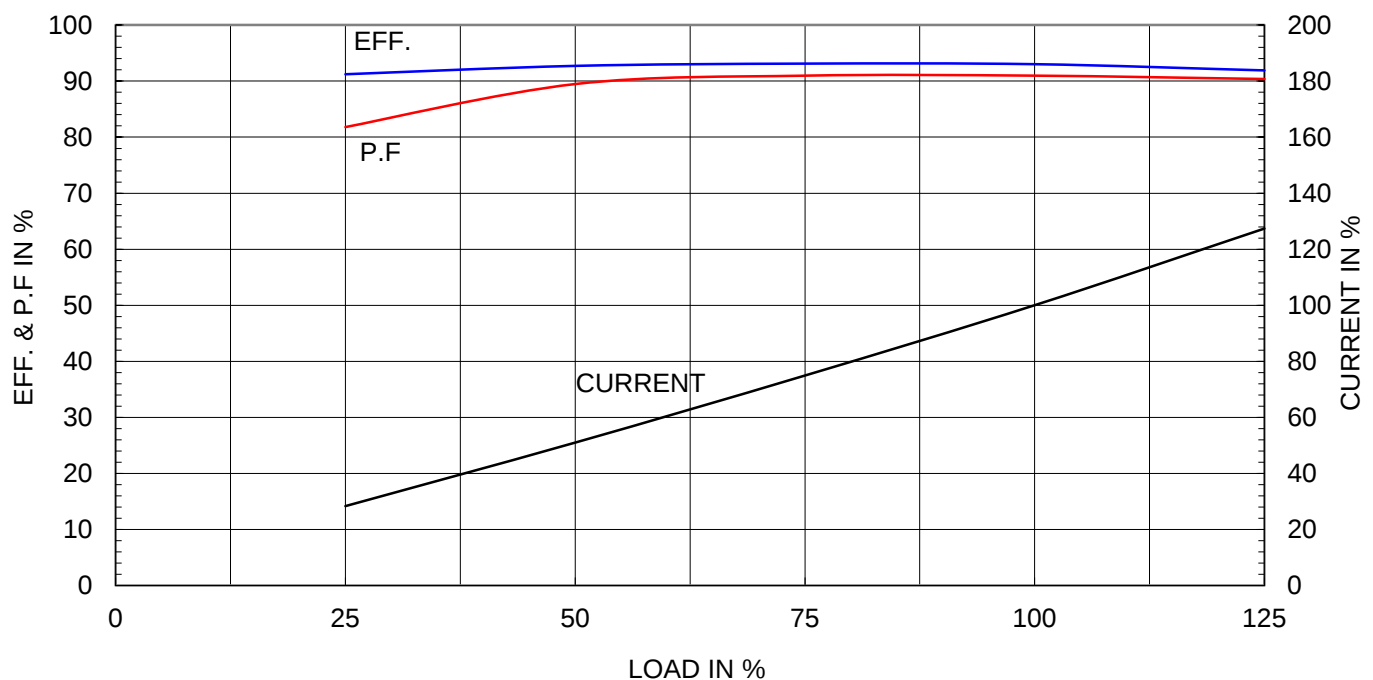
Type	:	HS
Full Load Torque	:	12.3 Kg.m
Motor moment of Inertia (J)	:	0.208 Kg.m ²
Load moment of Inertia (J)	:	4.750 Kg.m ²

45 kW		2 P		60 Hz	
Speed at Full Load :				3560 RPM	
Rated Voltage	460V	380V	220V		
Full Load Current	66.7A	80.8A	139.5A		

SPEED VS TORQUE & CURRENT CURVE



OUTPUT VS EFF., P.F & CURRENT CURVE



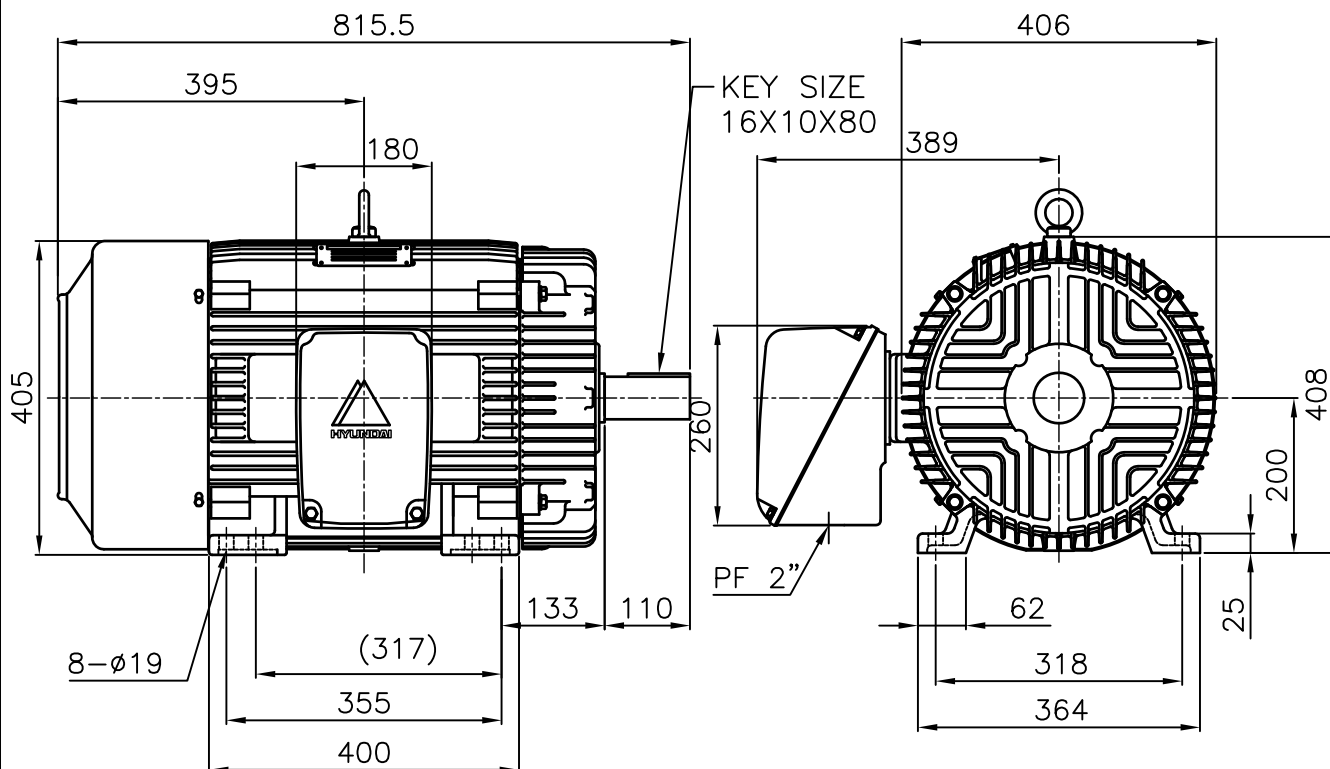


HEAVY INDUSTRIES CO., LTD.

TEFC**THREE PHASE INDUCTION MOTOR****TYPE**

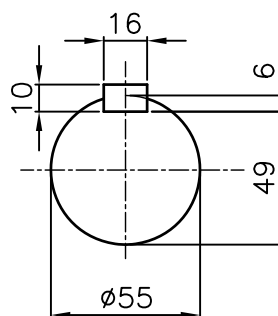
HL, HS

CAST IRON FRAME

**NOTE**

1.TOLERANCE :

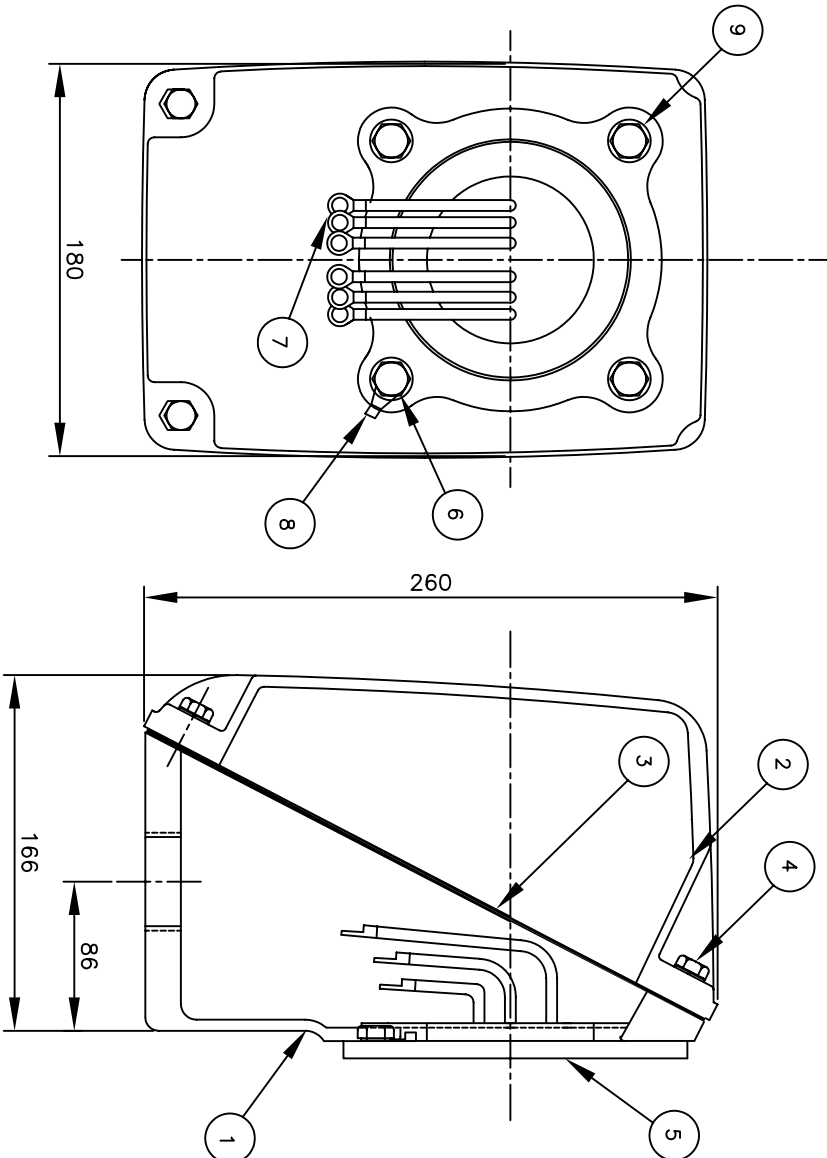
CENTER HEIGHT	200 ⁺⁰ _{-0.5}
BASE HOLES	$\phi 19$ ^{+0.43} ₋₀
SHAFT DIAMETER	$\phi 55$ ^{+0.030} _{+0.011}
KEYWAY WIDTH	16 ⁺⁰ _{-0.043}
KEYWAY DEPTH	6 ⁺⁰ _{-0.2}



* STEEL CONDUIT BOX

APPD BY	J. H. KIM	UNIT	mm	SUBJECT	KS 200LL 2P	CAD PROJ \ FILE
CHKD BY	K. S. LEE	SCALE	1/10	TITLE	OUTLINE	XSDNKS\B2000AB09
CHKD BY	I. K. KIM	PROJEC'N	3rd Angle	REF. NO	B2000AB11	Sheet No. of
DSND BY	S. M. KIM	DATE	2002.10.27	DWG NO	227B2000AB11	Revision No. 0

**HYUNDAI**
HEAVY INDUSTRIES CO., LTD.
Electro-Electric System Division



PT	DESCRIPTION	MATERIAL	DIMENSION	Q.TY
1	CONDUIT BOX	FC20		1
2	C/B COVER	FC20		1
3	GASKET(COVER)	N.B.R	T2X170X210	1
4	SCREW(COVER)	S45C	MBXL20	4
5	GASKET(C/B)	N.B.R		1
6	SCREW(C/B)	S45C	MBXL20	4
7	TERMINAL LUG	CU	T1.6	
8	TERMINAL GROUND	CU	T1.6	1
9	WASHER	S45C	M8 X L10	4

REV	DATE	CONTENTS	REV'D BY	CHK'D BY	CHK'D BY	APP'D BY
1						
2						
3						
4						

QTY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APP'D BY	KIM JIN HONG	UNIT	MM				
CHK'D BY	KIM YU SUNG	SCALE	1/2				
CHK'D BY	GO SECK HAN	PROJEC'N	3-4 (3rd Angle)				
DSND BY	LEE KWANG SOO	DATE	94.12.20				
TITLE				REF. NO	B8003CB5	Sheet No. of	
CONDUIT BOX & COVER ASS'Y				DWG NO	227B8003CB5	Revision No.	0