HYUNDAI HEAVY INDUSTRIES CO., LTD.

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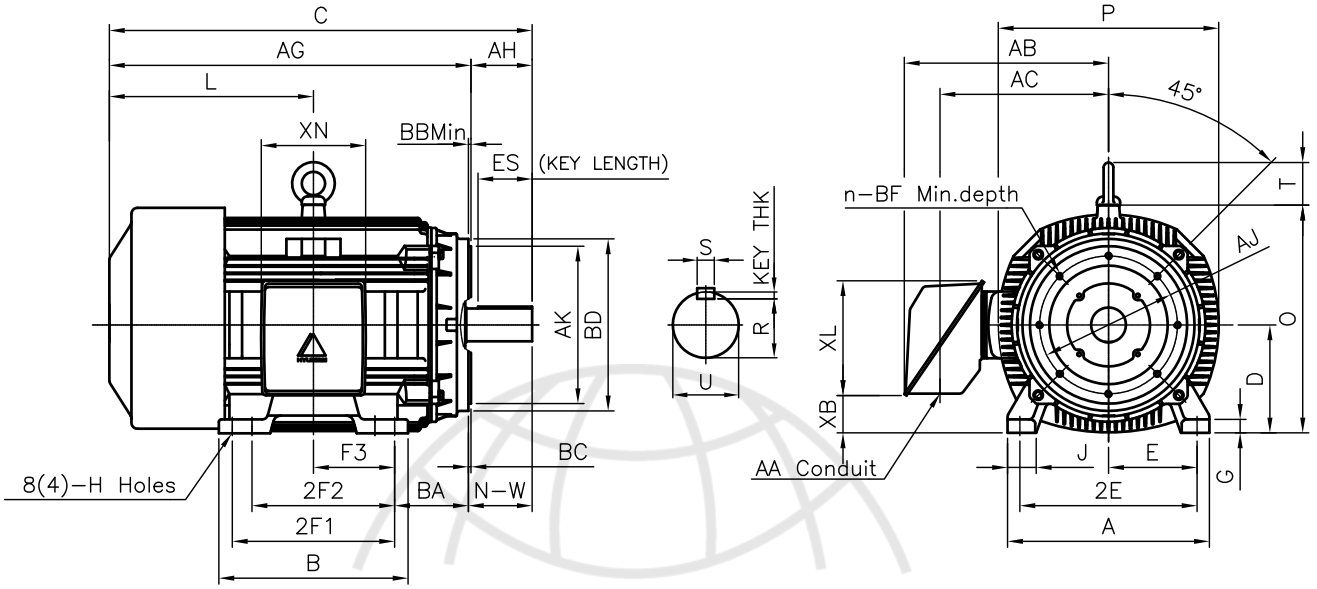
TEFC

THREE PHASE INDUCTION MOTOR

TYPE LP, JP

Cast iron frame

FRAME SIZE	OUTPUT(HP)	POLES	Hz	TIME RATING
445TC			60	CONT



DIMENSIONS

MOUNTING									CONDUIT BOX						APPROX. WGT.(LB)
A	B	2E	2F1	2F2	F3	G	J	H	AA	AB	AC	XB	XL	XN	
20.51	19.21	18.00	16.50	(14.50)	8.248	1.42	3.07	0.81	3.00	21.26	18.03	3.83	11.65	10.63	1700

OVERALL								SHAFT					KEY	BEARING	
BA	C	D	L	O	P	T	AG	U	N-W	KEYWAY R	KEYWAY ES	KEYWAY S	THK.	DRIVE END	OPP. DRIVE END
7.50	45.21	11.00	20.96	23.19	22.44	4.33	36.71	3.375	8.50	2.880	6.93	0.875	0.875	6318C3	6316C3

C-FACE								
AJ	AK	BB Min	BC	BD	BF	BF depth	n	AH
14.00	16.00	0.25	0.25	16.93	5/8-11	0.94	8	8.25

NOTE

1. Dimension "D" tolerance : +0.00inch ~ −0.03inch (143TC−365TC) : +0.000inch ~ −0.06inch (404TC−449TC)
2. Dimension "U" tolerance : +0.000inch ~ −0.0005inch (143TC−215TC): +0.000inch ~ −0.001inch (254TC−449TC)
3. Dimension "R" tolerance : +0.000inch ~ − 0.015inch
4. Dimension "AK" tolerance : +0.000inch ~ −0.003inch (143TC−286TC): +0.000inch ~ −0.005inch (324TC−449TC)

APPD BY	K.J. KANG	UNIT	INCH
CHKD BY		SCALE	N/S
CHKD BY		PROJEC'N	3rd Angle
DSND BY	N.D.LEE	DATE	2011.02.09

SUBJECT	445TC	CAD PROJ \ FILE	MMSTDMTR\A1318AA
TITLE	OUTLINE		
REF. NO	A1318AA	Sheet No.	of
DWG NO	350A1318AA	Revision No.	0

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