

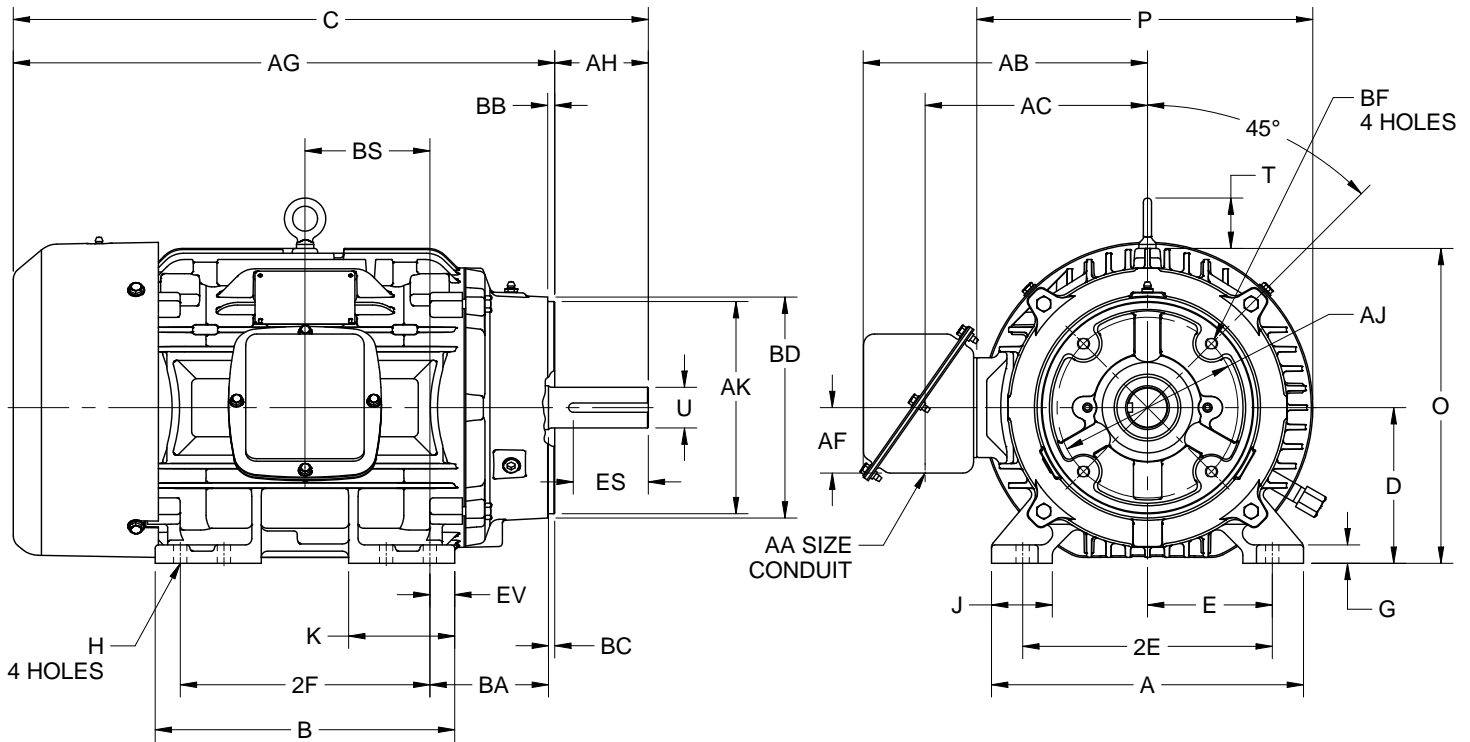
EFFECTIVE:
08-JUL-19

SUPERSEDES:
16-JAN-17

DIMENSION PRINT
WORLD MOTOR HOSTILE DUTY C-FACE
FRAME: 250TC
BASIC TYPE: CT

PRINT:
08-1013

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	K	O
IN	12.50	12.00	25.44	6.25	5.00	10.00	.75	.53	2.44	4.25	12.63
MM	318	305	646	159	127	254	19	13	62	108	320

UNITS	P ²	T	U -.001	AA	AB	AC	AF	AG	AH	AJ	AK -.003
IN	13.47	2.03	1.625	1.25	11.38	8.91	2.63	21.69	3.75	7.25	8.500
MM	342	52	41.28		289	226	67	551	95	184	215.90

UNITS	BA	BB MIN	BC	BD MAX	BF ^{3,4}	BS	EV	ES MIN	SQ KEY
IN	4.75	.25	.25	10.00	1/2-13 X .75	5.00	1.00	2.91	.375
MM	121	6	6	254		127	25	74	9.53

FRAME	UNITS	2F ±.03
254TC	IN	8.25
	MM	210
256TC	IN	10.00
	MM	254

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R.

1. DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS
2. LARGEST MOTOR WIDTH
3. ALL TAP HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE
5. STANDARD ASSEMBLY POSITION F-1 IS SHOWN. F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF THE LOCATION
6. TOLERANCES ARE SHOWN IN INCHES ONLY

08-1013/-

Nidec Motor Corporation
St. Louis, Missouri

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY
L. ALBELDAÑO
APPROVED BY
A. ALCARAZ

IHP_DP_NMCA (MAR-2011) SOLIDEDGE