

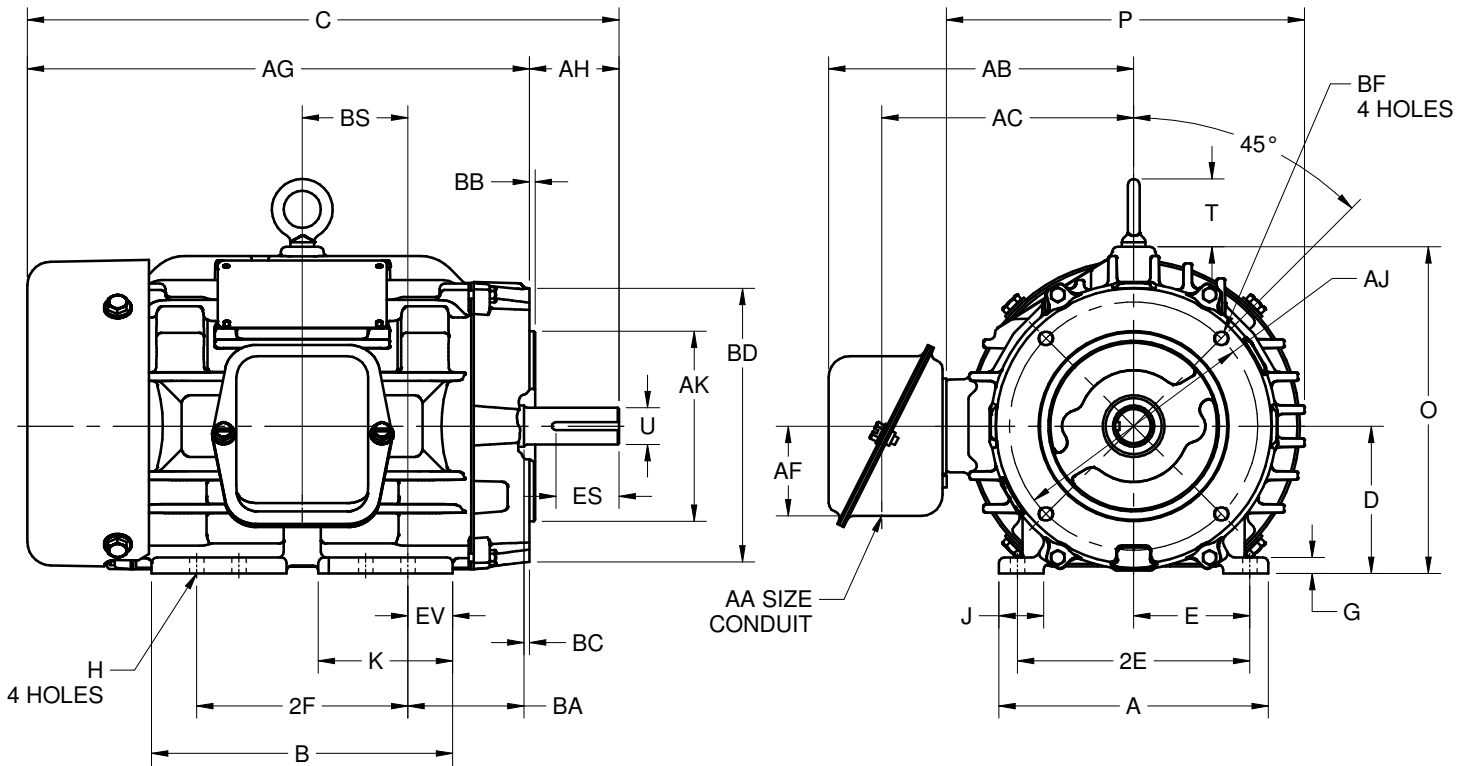
EFFECTIVE:
11-FEB-19

SUPERSEDES:
16-JUN-17

DIMENSION PRINT
WORLD MOTOR INVERTER DUTY C-FACE
FRAME: 143TC, 145TC
BASIC TYPE: CTI

PRINT:
08-1057

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	P ²	T
IN	6.38	7.13	14.00	3.50	2.75	5.50	.38	.34	1.06	3.19	7.75	8.47	1.63
MM	162	181	356	89	70	140	10	9	27	81	197	215	17

UNITS	U -.0005	AA	AB	AC	AF	AG	AH	AJ	AK -.003	BA	BB -.06	BC	BD NOM
IN	.8750	.75	7.22	5.97	2.12	11.88	2.13	5.88	4.500	2.75	.16	.12	6.50
MM	22.225		183	152	54	302	54	149	114.30	70	4	3	165

UNITS	BF ^{3,4}	BS	EV	ES MIN	SQ KEY
IN	3/8-16 X .56	2.50	1.06	1.41	.188
MM		64	27	36	4.78

FRAME	UNITS	2F ±.03
143TC	IN	4.00
	MM	102
145TC	IN	5.00
	MM	127

TOLERANCES	
FACE RUNOUT	.004 TIR
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 TIR
PERMISSIBLE SHAFT RUNOUT	.002 TIR

- DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS
- LARGEST MOTOR WIDTH
- ALL TAP HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD
- TAP SIZE AND BOLT PENETRATION ALLOWANCE
- 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
- TOLERANCES ARE SHOWN IN INCHES ONLY

08-1057/A

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
R. TIMMERMANN
APPROVED BY
M. CULLEN

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