

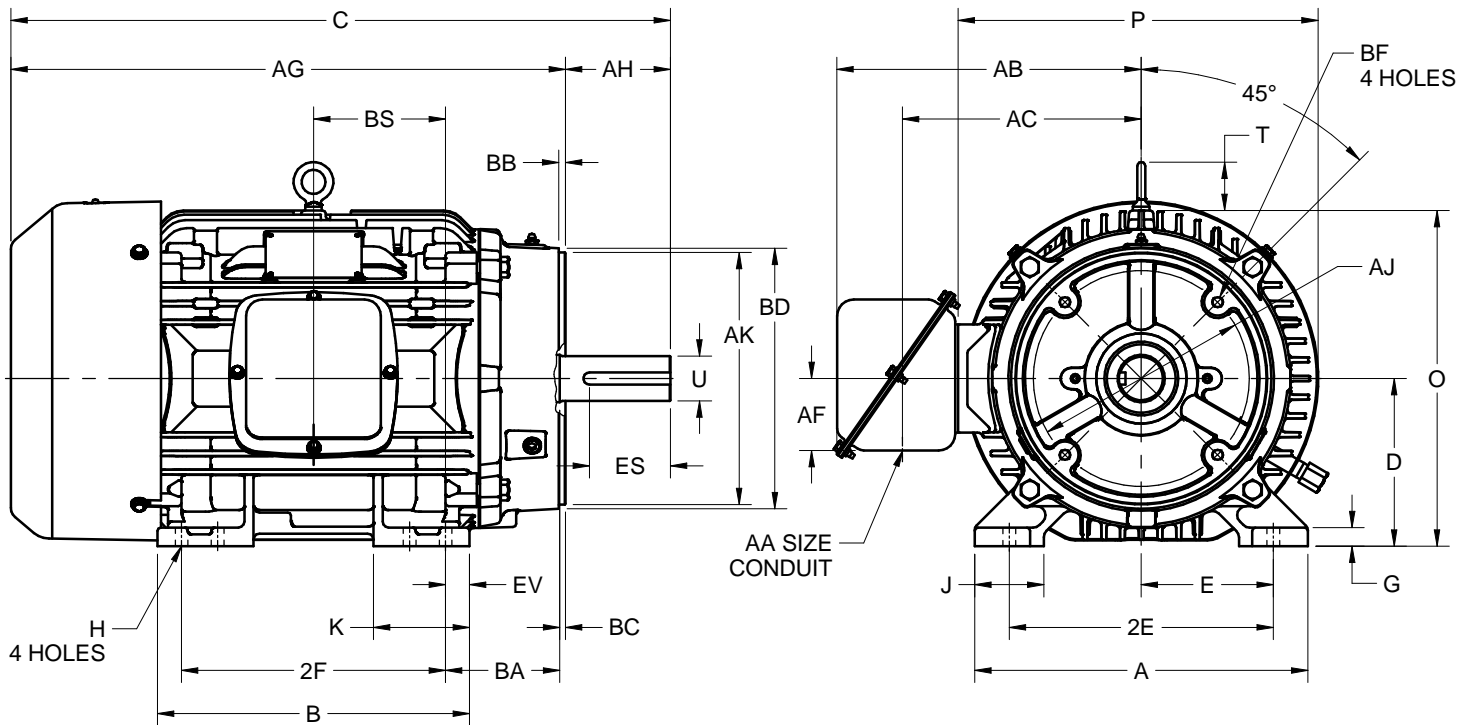
EFFECTIVE:  
**20-JUL-19**

SUPERSEDES:  
**09-JAN-17**

**DIMENSION PRINT**  
WORLD MOTOR HOSTILE DUTY C-FACE  
FRAME: 284TC, 286TC  
BASIC TYPE: CT

PRINT:  
**08-1007**

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 <sup>2</sup>	T
IN	13.88	13.00	27.50	7.00	5.50	11.00	.78	.53	2.88	4.00	14.00	15.00	2.03
MM	353	330	699	178	140	279	20	13	73	102	356	381	52

UNITS	U -.001	AA	AB	AC	AF	AG	AH	AJ	AK -.003	BA	BB MIN	BC	BD MAX
IN	1.875	1.50	12.69	9.94	3.00	23.13	4.38	9.000	10.500	4.75	.25	.25	11.25
MM	47.63		322	252	76	588	111	228.60	266.70	121	6	6	286

UNITS	BF <sup>3,4</sup>	BS	EV	ES MIN	SQ KEY
IN	1/2-13 X .75	5.50	1.00	3.28	.500
MM		140	25	83	12.70

FRAME	UNITS	2F ±.03
284TC	IN	9.50
	MM	241
286TC	IN	11.00
	MM	279

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

08-1007/A

**Nidec Motor Corporation**  
St. Louis, Missouri

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