

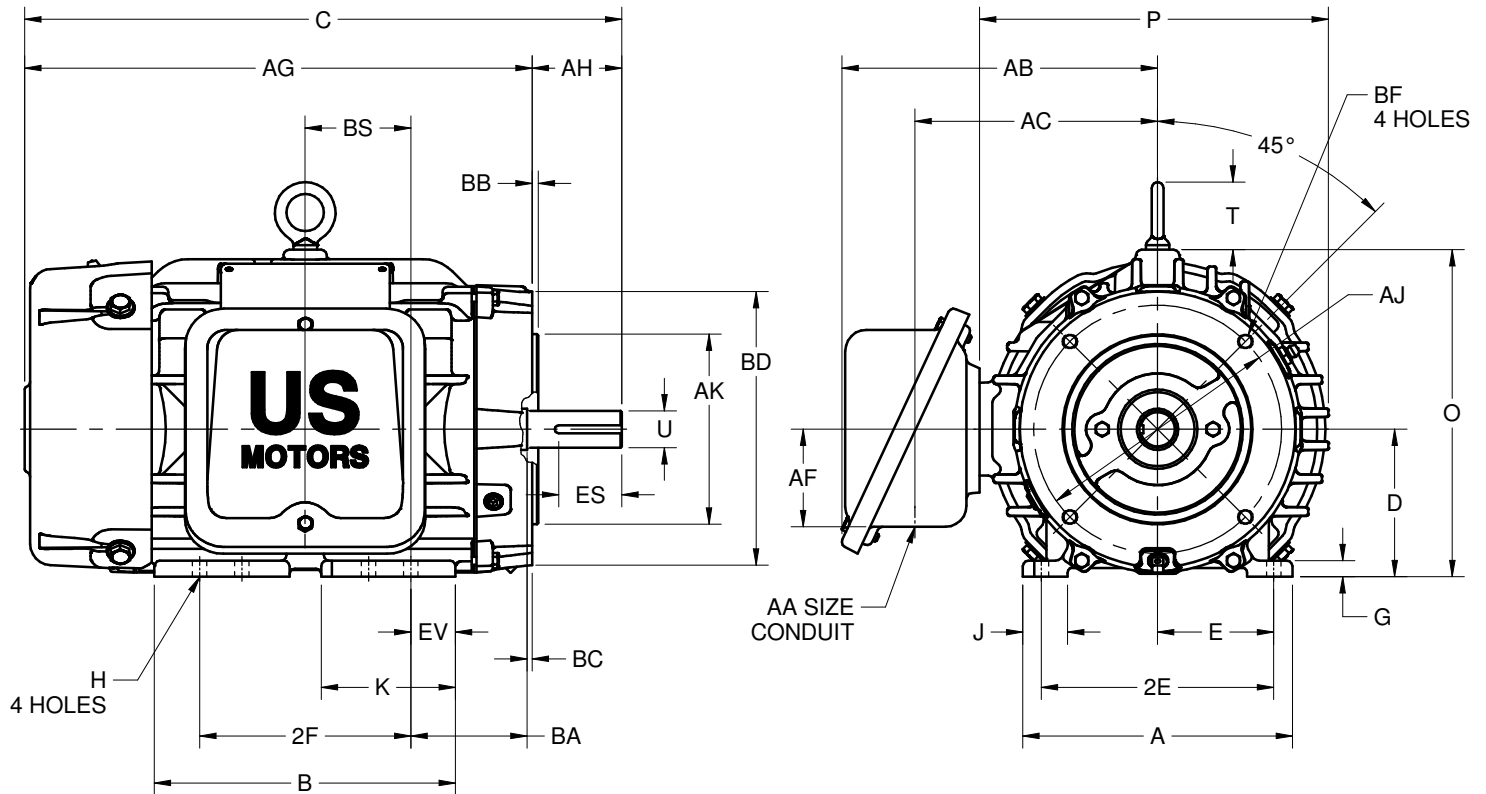
EFFECTIVE:  
**11-FEB-19**

SUPERSEDES:  
**14-JUN-17**

**DIMENSION PRINT**  
WORLD MOTOR CORRODUTY C-FACE  
FRAME: 143TC, 145TC  
BASIC TYPE: TC

PRINT:  
**08-1052**

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	6.38	7.13	14.16	3.50	2.75	5.50	.38	.34	1.06	3.19	7.75	8.47	1.63
MM	162	181	360	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	3/4 NPT	7.50	5.75	2.31	12.02	2.12	5.88	4.500	2.75	.16	.12	6.50
MM	22.225		191	146	59	305	54	149	114.30	70	4	3	165

UNITS	BF <sup>3,4</sup>	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

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

08-1052/A

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

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