

EFFECTIVE:
15-AUG-18

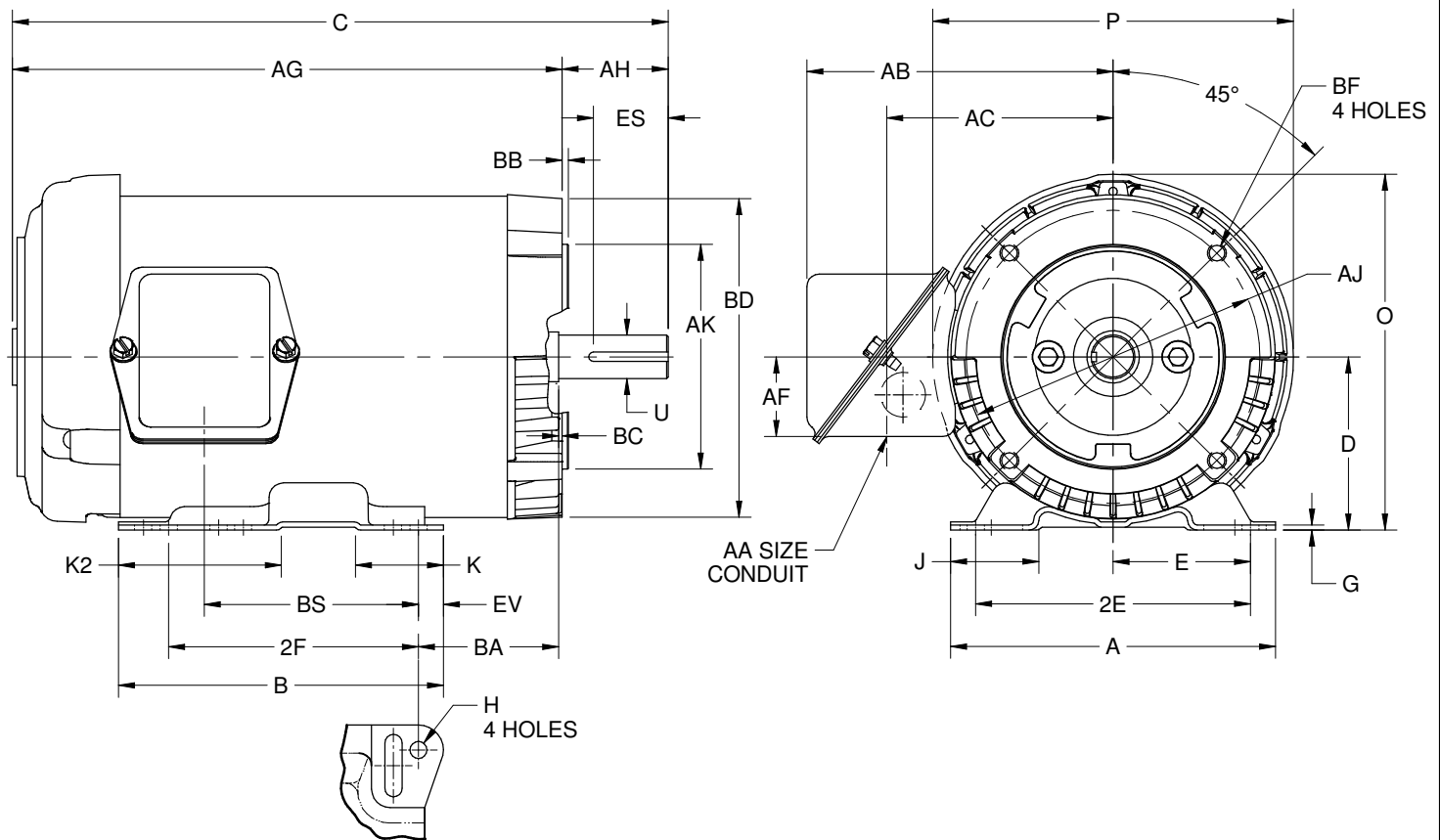
DIMENSION PRINT

PRINT:
07-3350

SUPERSEDES:
NEW

TEFC
FRAME: 143, 145TC
BASIC TYPE: UT

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D	E	2E	G	H	J	K	K2
IN	6.50	6.50	14.38	3.50	2.75	5.50	.13	.34	1.75	1.75	3.25
MM	165	165	365	89	70	140	3	9	44	44	83

UNITS	O	P ²	U	AA ²	AB	AC	AF	AG	AH	AJ	AK
IN	7.16	7.31	.8750	.75	6.13	4.53	1.59	12.25	2.13	5.875	4.500
MM	182	186	22.225		156	115	40	311	54	149.23	114.30

UNITS	BA	BB MIN	BC	BD MAX	BF ^{3,4}	BS	ES MIN	EV	SQ KEY
IN	2.75	.13	.13	6.50		5.53	1.41	.50	.188
MM	70	3	3	165	3/8-16 X .75	140	35	13	4.78

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

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. BASIC CONDUIT FITTING SIZE. HOLE OPENING ON THE SIDE OF THE CONDUIT BOX (REPRESENTED BY A DASHED CIRCLE) WILL ACCEPT A .50 BASIC CONDUIT FITTING
6. THE CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF THE MOTOR. THE CONDUIT OPENING(S) MAY BE LOCATED IN STEPS OF 180° REGARDLESS OF LOCATION. STANDARD LOCATION IS SHOWN WITH THE CONDUIT OPENING DOWN
7. TOLERANCES ARE SHOWN IN INCHES ONLY
8. FRAME REFERENCE; 9.00/143/145

Nidec Motor Corporation
St. Louis, Missouri

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