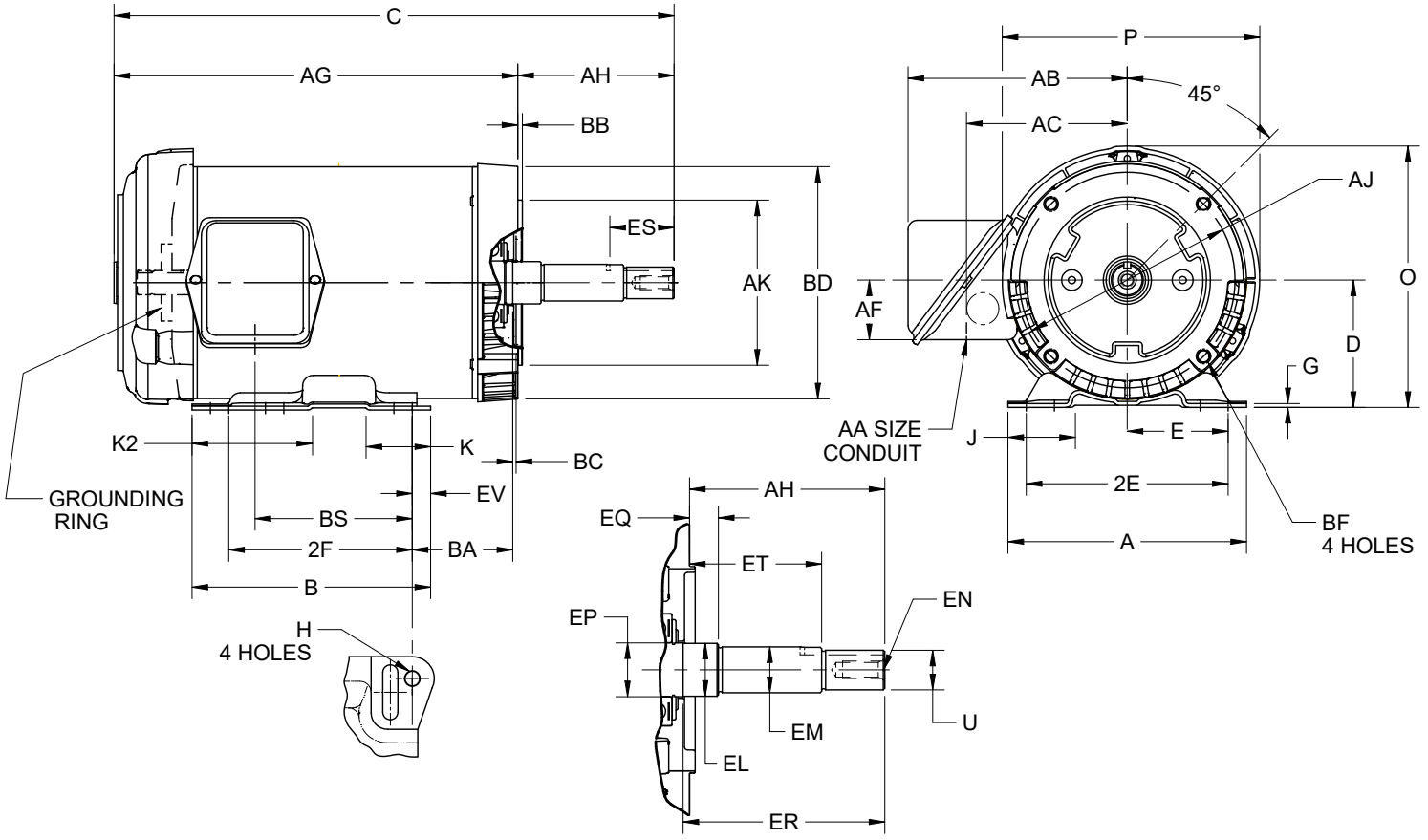
EFFECTIVE: 26-MAR-25	DIMENSION PRINT TEFC FRAME: 143, 145JM BASIC TYPE: UTI4	PRINT: 07-3689
SUPERSEDES: NEW		SHEET: 1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

	UNITS	A	B	C	D -.06	E	2E ±.03	2F ±.03	G	H +.05	J	K
	IN	6.50	6.50	15.25	3.50	2.75	5.50	5.00	.13	.34	1.75	1.75
	MM	165	165	387	89	70	140	127	3	9	44	44

	UNITS	K2	O	P [2]	U -.0005	AA [5]	AB	AC	AF	AG	AH	AJ
	IN	3.25	7.16	7.31	.8745	.75	6.13	4.53	1.59	11.00	4.25	5.875
	MM	83	182	186	22.212		156	115	40	279	108	149.23

	UNITS	AK -.003	BA	BB MIN	BC	BD MAX	BF [3,4]	BS	EL -.002	EM -.0005	EN [3,4]	EP MIN
	IN	4.500	2.75	.13	.13	6.50	3/8-16 X .75	4.28	1.156	1.0000	3/8-16 X .75	1.16
	MM	114.30	70	3	3	165		109	29.36	25.400		29

	UNITS	EQ ±.015	ER MIN	ES MIN	ET ±.015	EV	SQ KEY
	IN	.625	4.25	1.65	2.875	.50	.188
	MM	15.88	108	42	73.03	13	4.78

TOLERANCES	
FACE RUNOUT	.004 TIR
PERMISSIBLE ECCENTRICTY 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. 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; 7.75/143/145

IHP_DP_NMCA (MAR-2011) SOLIDEDGE

07-3689/-

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY	S. RAMIREZ
APPROVED BY	E. PIMENTEL