

EFFECTIVE:  
17-MAY-11

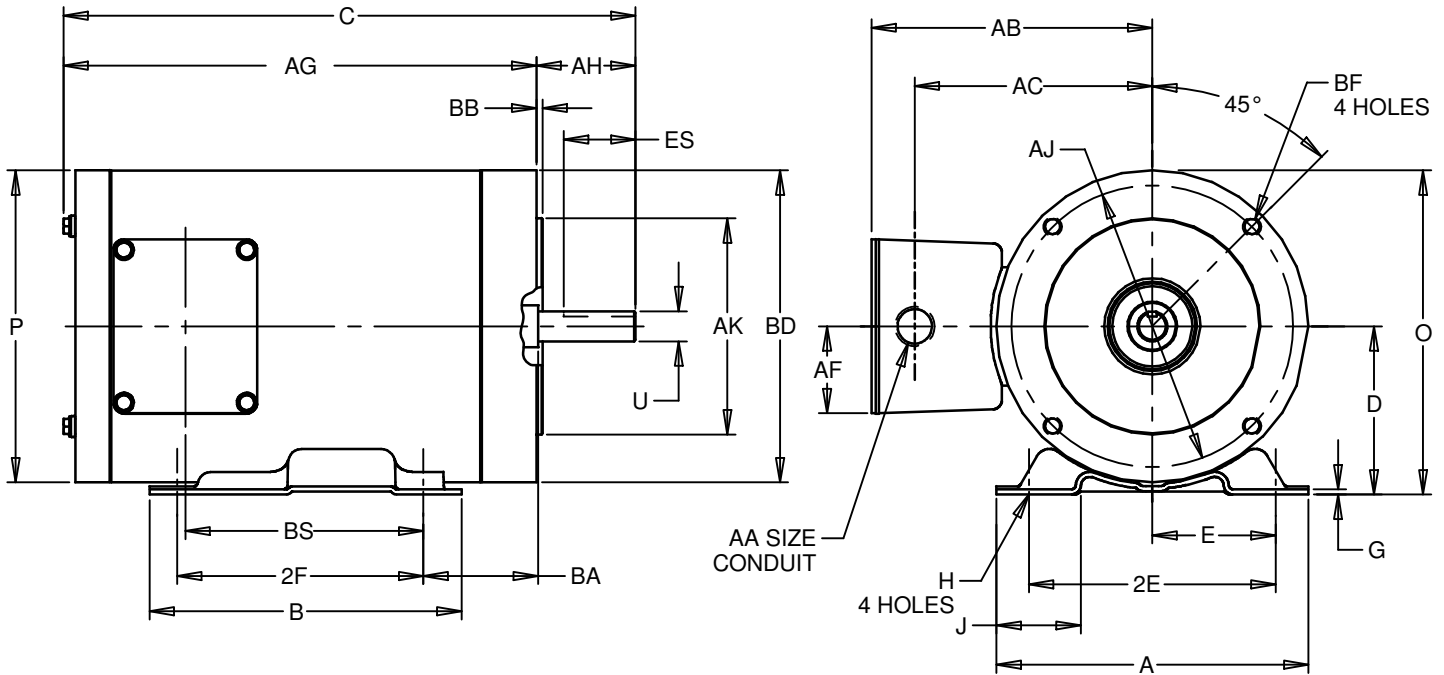
SUPERSEDES:  
14-NOV-02

# HORIZONTAL MOTORS

TENV, STAINLESS STEEL FRAME, FOOTED  
FRAME: 143TC, 145TC  
BASIC TYPE: SSN

PRINT:  
07-2486

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D	E	2E	G	H	J	O	P <sup>2</sup>	U
IN	6.50	6.50	11.94	3.50	2.75	5.50	.13	.34	1.75	6.75	6.50	.6250
mm	165	165	303	89	70	140		9	44	171	165	15.875

UNITS	AA	AB	AC	AF	AG	AH	AJ	AK
IN	1/2 NPT	6.00	4.94	1.81	9.88	2.06	5.875	4.500
mm		152	126	46	251	52	149.23	114.30

UNITS	BA	BB	BD	BF <sup>3</sup>	BS	ES MIN	SQ KEY
IN	2.75	.13	6.500	3/8-16 X .75	4.75	1.41	.188
mm	70	3	165.10		121	36	4.78

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

- 1: ALL ROUGH DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 4: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 5: TOLERANCES ARE ALL IN INCHES.
- 6: FRAME REFERENCE: 7.750/56/143/145.

TOLERANCES	
FACE RUNOUT	.004 T.I.R
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R

07-2486/A

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

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