

EFFECTIVE:  
01-MAR-11

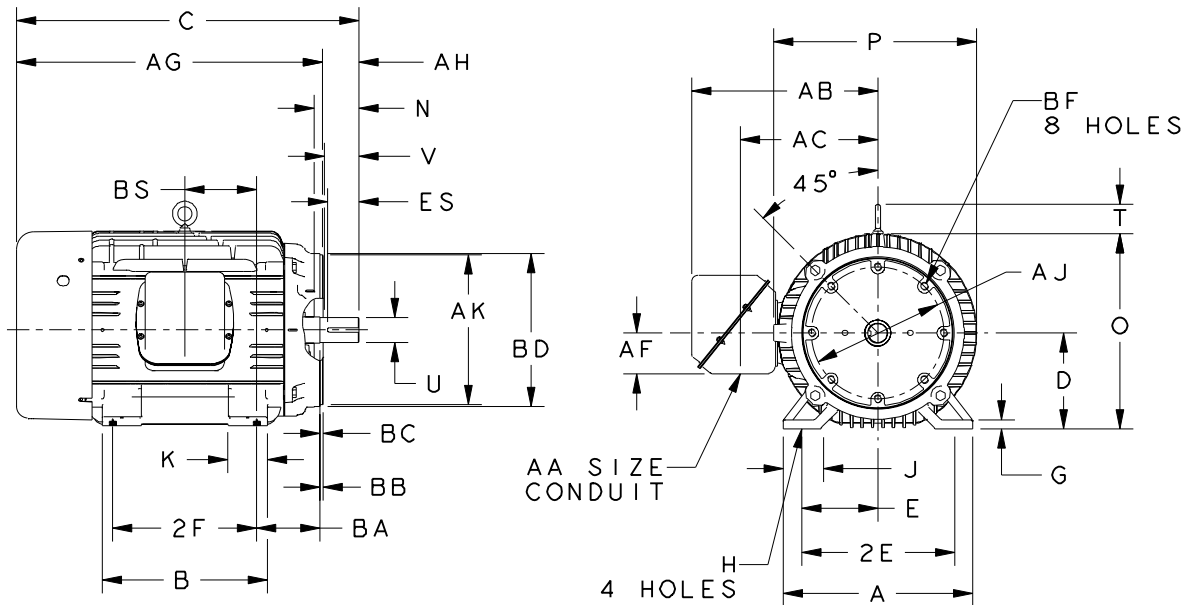
SUPERSEDES:  
18-OCT-00

# HORIZONTAL MOTORS

FRAME: 360TC  
TYPE: FCT, CT, CTE, CTI

PRINT:  
07-2143

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>2E</b>	<b>G</b>	<b>H</b>	<b>J</b>
<b>IN</b>	17.13	14.50	32.56	9.00	7.00	14.00	.81	.66	3.25
<b>MM</b>	435	368	827	229	178	356	21	17	83
	<b>K</b>	<b>N</b>	<b>O</b>	<b>P<sup>2</sup></b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>AA</b>	<b>AB</b>
<b>IN</b>	3.25	6.38	18.13	18.69	2.50	2.375	5.62	3 NPT	16.38
<b>MM</b>	83	162	461	475	64	60.33	143		416
	<b>AC</b>	<b>AF</b>	<b>AG</b>	<b>AH</b>	<b>AJ</b>	<b>AK</b>	<b>BA</b>	<b>BB</b>	<b>BC</b>
<b>IN</b>	12.19	3.38	26.94	5.63	11.000	12.500	5.88	.25	.25
<b>MM</b>	310	86	684	143	279.40	318	149	6	6
	<b>BD</b>	<b>BF<sup>4</sup></b>	<b>BS</b>	<b>ES</b>	<b>SQ.</b>				
<b>IN</b>	12.75	5/8-11 X .94	6.13	4.25	.625				
<b>MM</b>	324		156	108	15.88				

	FRAME	2F ±.03
<b>IN</b>	364TC	11.25
<b>MM</b>		286
<b>IN</b>	365TC	12.25
<b>MM</b>		311

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.003 T.I.R.

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH
- 3: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.

- 4: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 5: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.

07-2143/B

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

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