

EFFECTIVE:  
**13-APR-11**

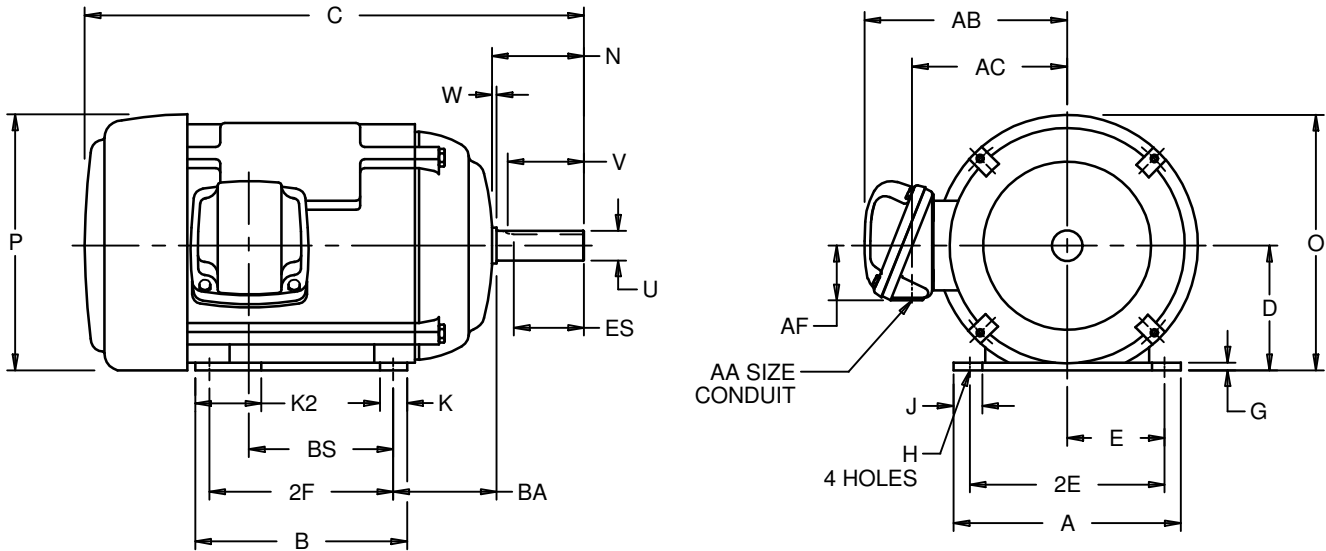
# HORIZONTAL MOTORS

PRINT:  
**07-2106**

SUPERSEDES:  
**20-AUG-03**

FRAME: 143, 145T  
BASIC TYPE: CE

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J
IN	6.50	6.00	13.06	3.50	2.75	5.50	.16	.34	.94
MM	165	152	332	89	70	140	4	9	24

UNITS	K	K2	N	O	P <sup>2</sup>	U -.0005	V MIN	W	AA
IN	.94	1.94	2.38	7.50	8.00	.8750	2.06	.13	3/4 NPT
MM	24	49	60	191	203	22.225	52	3	

UNITS	AB	AC	AF	BA	BS	ES MIN	SQ KEY
IN	7.38	5.06	2.13	2.25	3.94	1.41	.188
MM	187	129	54	57	100	36	4.78

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

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. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4. TOLERANCES SHOWN ARE IN INCHES ONLY.

07-2106/C

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

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ISSUED BY  
**R. PATIL**  
APPROVED BY  
**R. KING**

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