

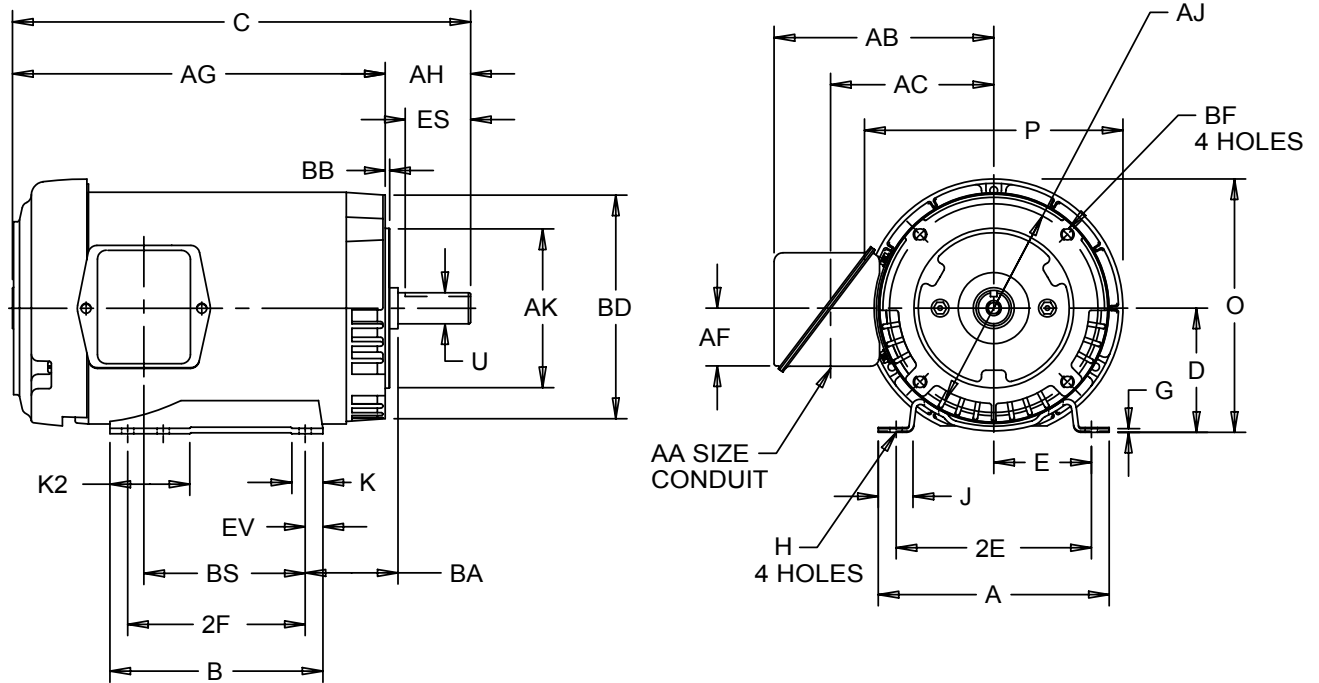
EFFECTIVE:
22-MAR-11

SUPERSEDES:
29-OCT-02

HORIZONTAL MOTORS
TEFC
FRAME: 140TC
BASIC TYPE: UT

PRINT:
07-1973

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	K	K2	O	P ²
IN	6.50	6.00	12.13	3.50	2.75	5.50	.13	.34	.88	.88	1.88	7.16	7.28
MM	165	152	308	89	70	140	3	9	22	22	48	182	185

UNITS	U -.0005	AA	AB	AC	AF	AG	AH	AJ	AK -.003
IN	.8750	.75	6.09	4.50	1.59	10.00	2.13	5.875	4.500
MM	22.225	19	155	114	40	254	54	149.23	114.30

UNITS	BA	BB MIN	BD MAX	BF-4	BS	ES MIN	EV	SQ KEY
IN	2.75	.13	6.50	3/8-16 x .75	3.78	1.53	.50	.188
MM	70	3	165		96	39	13	4.78

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

- 1: ALL ROUGH CASTING DIMENSIONS MAY VARY BY .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: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 180 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 7: STANDARD ASSEMBLY POSITION F-1 SHOWN. F-2 AVAILABLE ON REQUEST.
- 8: FRAME REFERENCE: 6.750/143/145

07-1973/E

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
S. RAIKOD
APPROVED BY
R. KING

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