

EFFECTIVE:
28-MAR-11

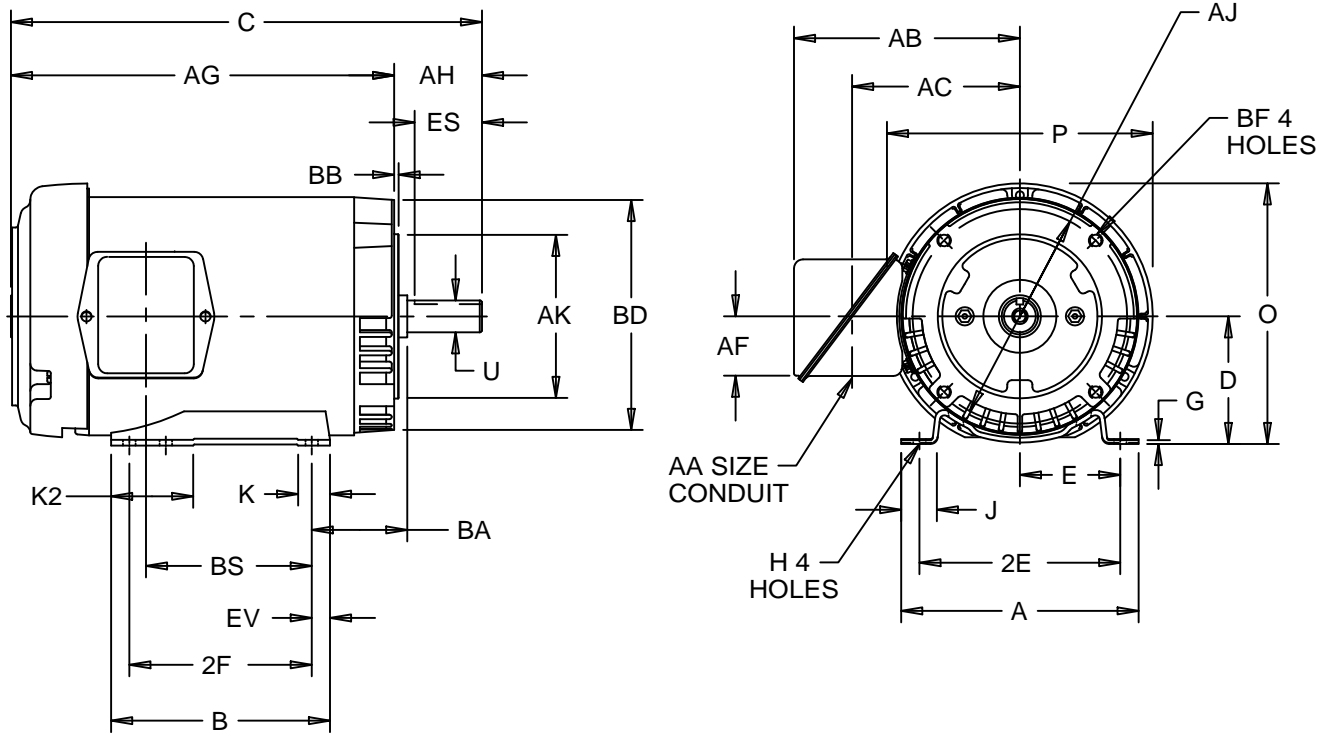
HORIZONTAL MOTORS

PRINT:
07-2286

SUPERSEDES:
24-JAN-05

TEFC
FRAME: 140TC
BASIC TYPE: UT

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	13.13	3.50	2.75	5.50	.13	.34	.88	.88	1.88	7.16	7.28
MM	165	152	334	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	11.00	2.13	5.875	4.500
MM	22.225		155	114	40	279	54	149.23	114.30

UNITS	BA	BB MIN	BD MAX	BF-4 ³	BS	ES MIN	EV	SQ KEY
IN	2.75	.13	6.50	3/8-16 x .75	4.78	1.53	.50	.188
MM	70	3	165		121	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 TAP 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 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
6: TOLERANCES SHOWN ARE IN INCHES ONLY.
7: FRAME REFERENCE: 7.75/143/145

07-2286/D

Nidec Motor Corporation
St. Louis, Missouri

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