

EFFECTIVE:
14-JUN-11

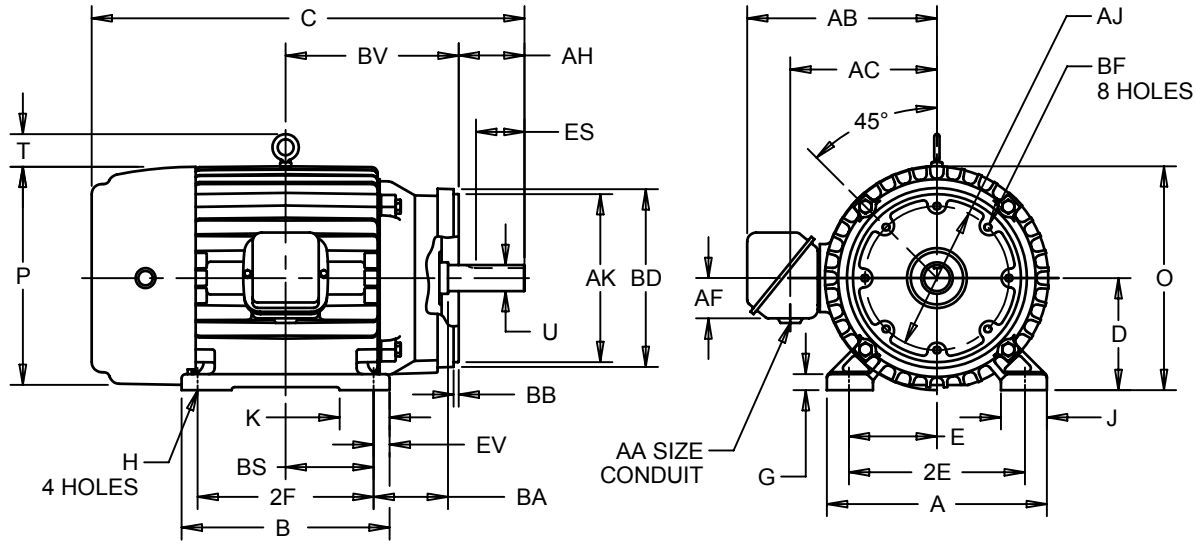
SUPERSEDES:
20-JUL-10

HORIZONTAL MOTORS

TEFC - VARIDYNE
FRAME: 182, 184TC
BASIC TYPE: CTI

PRINT:
07-2809

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	O	P ⁵
IN	9.00	6.75	15.56	4.50	3.75	7.50	.50	.41	1.50	9.22	9.13
MM	229	171	395	114	95	191	13	10	38	234	232

UNITS	T	U -.0005	V MIN	AA	AB	AC	AF	AH	AJ	AK -.003
IN	2.03	1.1250	2.50	.75 NPT	7.97	5.75	2.00	2.62	7.250	8.500
MM	52	28.575	64		202	146	51	67	184.15	215.90

UNITS	BA ⁷	BB	BD MAX	BS	BF ²	BV	ES MIN	EV	SQ KEY
IN	2.75	.25	8.88	2.75	.500-13	5.63	1.78	.63	.250
MM	70	6	226	70		143	45	16	6.35

FRAME	UNITS	2F ±.03
182TC	IN	4.50
	MM	114
184TC	IN	5.50
	MM	140

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 3: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 4: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 5: LARGEST MOTOR WIDTH.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 7: NON-NEMA BA.

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

07-2809/B

Nidec Motor Corporation
St. Louis, Missouri

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