

EFFECTIVE:
06-JUN-12

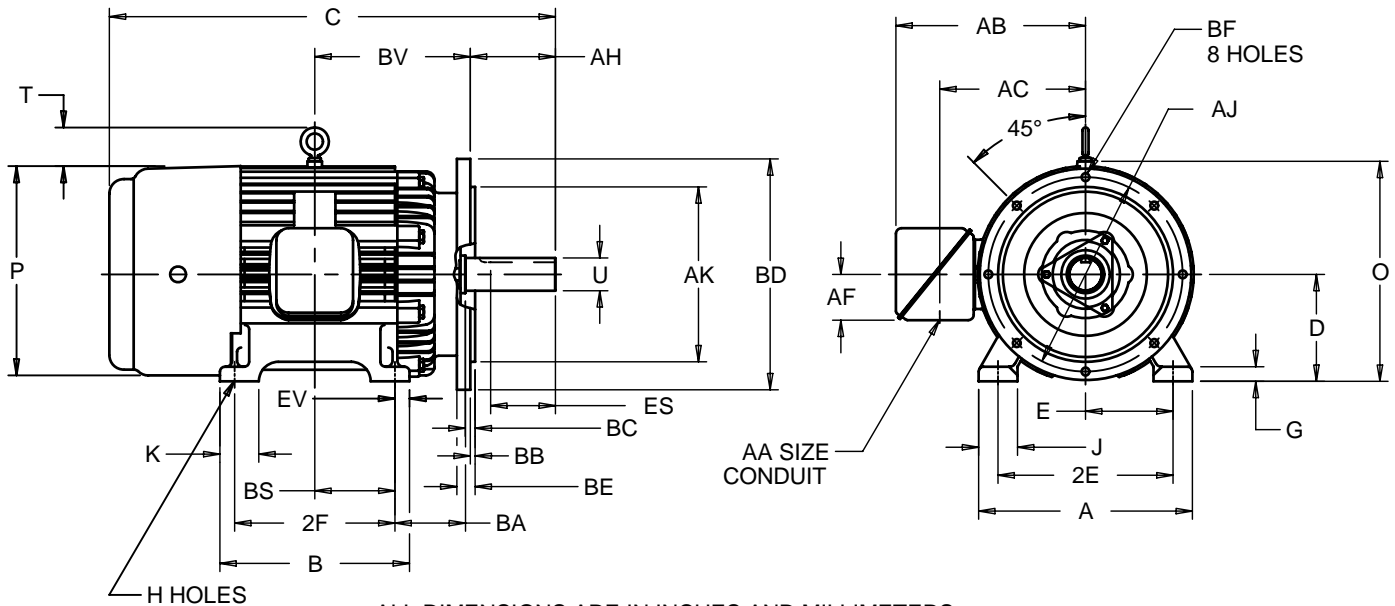
SUPERSEDES:
03-JUN-11

HORIZONTAL MOTORS WITH NEMA "D" BRACKET

FRAME: 444, 445, 447TD, TSD
BASIC TYPE: CT

PRINT:
07-2761

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	D -.06	E	2E ±.03	G	H +.05	J	O	P ²	T	AA
IN	22.00	11.00	9.00	18.00	1.50	.81	4.00	22.63	23.50	3.25	3.00
MM	559	279	229	457	38	21	102	575	597	83	

UNITS	AB	AC	AF	AJ	AK -.005	BA ±.09	BB -.06	BC	BD MAX	BE	BF	EV
IN	19.75	15.13	4.72	20.000	18.000	7.50	.25	0	22.00	1.00	.81	1.50
MM	502	384	120	508.00	457.20	191	6		559	25	21	38

FRAME	UNITS	U -.001	AH	ES MIN	SQ KEY
440TD	IN	3.375	8.50	6.91	.875
	MM	85.73	216	176	22.23
440TSD	IN	2.375	4.75	3.03	.625
	MM	60.33	121	77	15.88

FRAME	UNITS	C
444, 445TD	IN	45.63
	MM	1159
444, 445TSD	IN	41.88
	MM	1064
447TD	IN	49.13
	MM	1248
447TSD	IN	45.38
	MM	1153

FRAME	UNITS	B	K	BS	BV
444, 445TD, TSD	IN	19.50	6.00	8.25	15.75
	MM	495	152	210	400
447TD, TSD	IN	23.00	4.00	10.00	17.50
	MM	584	102	254	445

FRAME	UNITS	2F ±.03
444TD, TSD	IN	14.50
	MM	368
445TD, TSD	IN	16.50
	MM	419
447TD, TSD	IN	20.00
	MM	508

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 CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 4: CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.

07-2761/D

Nidec Motor Corporation
St. Louis, Missouri

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY R. KING
APPROVED BY J. O'BRIEN

IHP_DP_NMCA (MAR-2011) SOLIDEDGE