

EFFECTIVE:
04-MAY-11

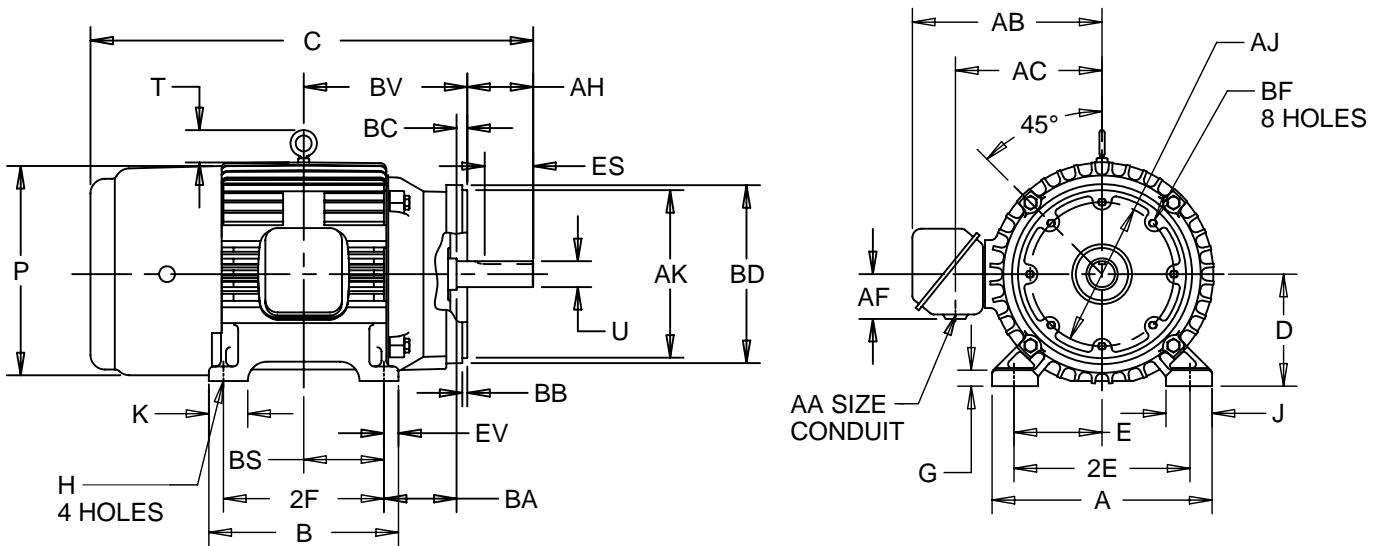
HORIZONTAL MOTORS

PRINT:
07-2764

SUPERSEDES:
20-JUL-10

FRAME: 444, 445, 447TC, TSC
BASIC TYPE: CT, L

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	D	E	2E ±.03	G	H +.05	J	O	P ²	T	AJ	AK -.005	BA ±.09
IN	22.00	11.00	9.00	18.00	1.50	.81	4.00	22.63	23.50	3.25	14.000	16.000	7.50
MM	559	279	229	457	38	21	102	575	597	83	355.60	406.40	191

UNITS	BB	BC	BD MAX	BF	EV
IN	.25	.25	18.00	5/8-11 x .94	1.50
MM	6	6	457		38

TYPE	UNITS	AA	AB	AC	AF
CT	IN	3.00	19.50	15.00	4.72
	MM		495	381	120
L	IN	3.00	19.56	14.63	4.56
	MM		497	372	116

FRAME	UNITS	U -.001	AH	ES MIN	SQ KEY
440TC	IN	3.375	8.25	6.91	.875
	MM	85.73	210	176	22.23
440TSC	IN	2.375	4.50	3.03	.625
	MM	60.33	114	77	15.88

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

FRAME	UNITS	2F ±.03
444TC, TSC	IN	14.50
	MM	368
445TC, TSC	IN	16.50
	MM	419
447TC, TSC	IN	20.00
	MM	635

FRAME	UNITS	B	K	BS	BV
444, 445TC, TSC	IN	19.50	6.00	8.25	16.00
	MM	495	152	210	406
447TC, TSC	IN	23.00	4.00	10.00	17.75
	MM	584	102	254	451

- ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- STANDARD ASSEMBLY POSITION F-1 IS SHOWN F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.

TOLERANCES	
FACE RUNOUT	.007 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBIT	.007 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.003 T.I.R.

07-2764/C

Nidec Motor Corporation
St. Louis, Missouri

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