

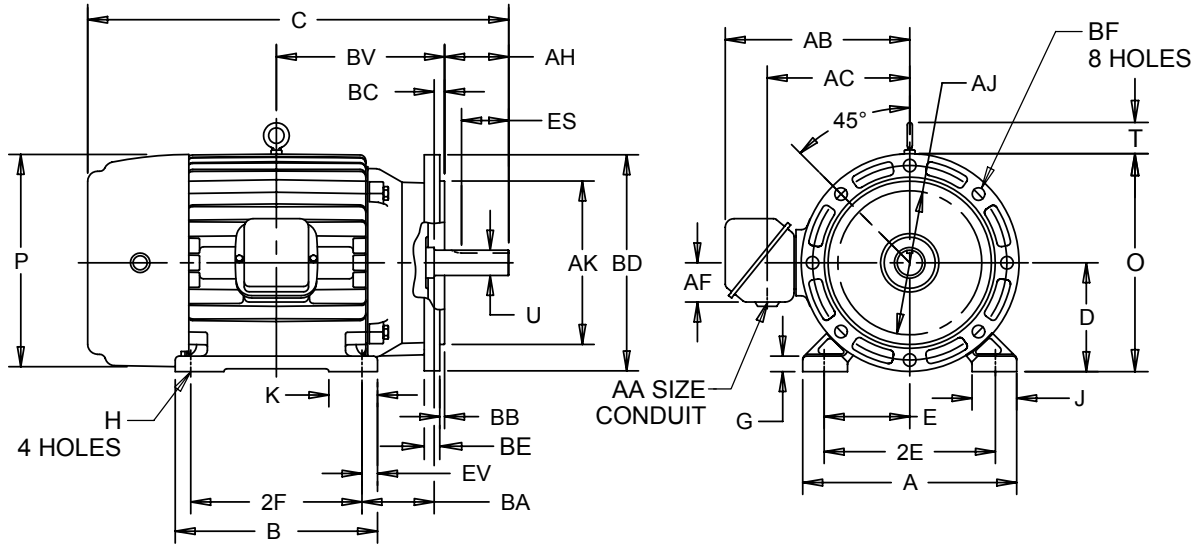
EFFECTIVE:
01-JUN-11

SUPERSEDES:
10-AUG-08

HORIZONTAL MOTORS
AUTOMOTIVE DUTY WITH NEMA "D" BRACKET
FRAME: 400UD, 400USD
BASIC TYPE: JAD, JDE

PRINT:
07-2709

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	D -.06	E	2E ±.03	G	H +.05	J	K	O	P ²
IN	19.75	16.75	10.00	8.00	16.00	1.38	.81	3.75	5.00	20.50	20.88
MM	502	425	254	203	406	35	21	95	127	521	530

UNITS	T	AA	AB	AC	AF	AJ	AK -.005	BA	BB MIN	BC	BD MAX
IN	2.94	2 1/2 NPT	17.69	13.44	4.19	20.000	18.000	6.62	.25	0	22.00
MM	75		449	341	106	508.00	457.20	168	6		559

UNITS	BE	BF	BV	EV
IN	1.00	.81	13.50	1.50
MM	25	21	343	38

FRAME	UNITS	C	U -.001	AH	ES MIN	SQ KEY
400UD	IN	37.88	2.375	7.13	5.56	.625
	MM	962	60.33	181	141	15.88
400USD	IN	35.00	2.125	4.25	2.75	.500
	MM	890	53.98	108	70	12.70

FRAME	UNITS	2F ±.03
404UD, USD	IN	12.25
	MM	311
405UD, USD	IN	13.75
	MM	349

- 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: STANDARD ASSEMBLY POSITION F-1 IS SHOWN F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.

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

07-2709/A

Nidec Motor Corporation
St. Louis, Missouri

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