

EFFECTIVE:
15-JUL-11

SUPERSEDES:
24-JUL-09

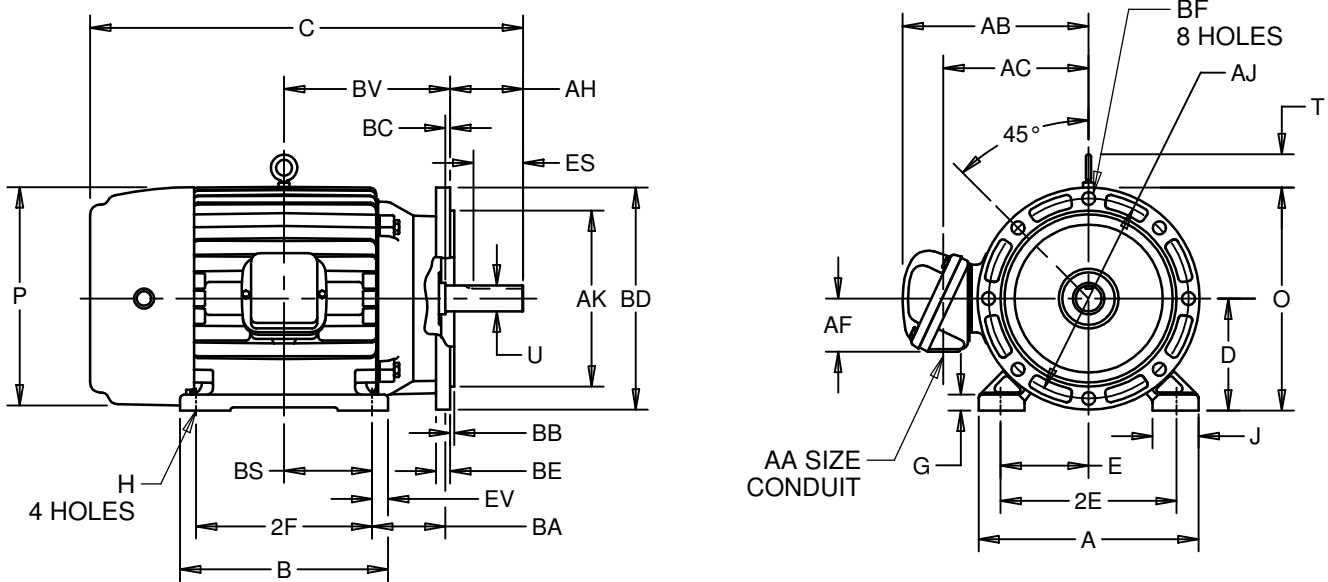
HORIZONTAL MOTORS

AUTOMOTIVE DUTY WITH NEMA "D" BRACKET KIT

FRAME: 254,256UD
BASIC TYPE: JAD,JDE

PRINT:
07-2859

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
IN	12.25	12.00	26.75	6.25	5.00	10.00	.88	.53	2.25	12.94
MM	311	305	679	159	127	254	22	13	57	329

UNITS	P ²	T	U -.0005	AA	AB	AC	AF	AH	AJ	AK -.003
IN	13.38	2.03	1.3750	1.50 NPT	11.56	8.56	2.63	3.75	12.500	11.000
MM	340	52	34.925		294	217	67	95	317.50	279.40

UNITS	BA	BB	BD MAX	BE	BF	BS	BV	ES MIN	EV	SQ KEY
IN	4.75	.25	14.00	.75	.81	5.00	10.63	2.75	1.00	.313
MM	121	6	356	19	21	127	270	70	25	7.95

FRAME	UNITS	2F ±.03
254UD	IN	8.25
	MM	210
256UD	IN	10.00
	MM	254

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

07-2859/A

Nidec Motor Corporation
St. Louis, Missouri

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