

EFFECTIVE:  
24-MAY-11

# HORIZONTAL MOTORS

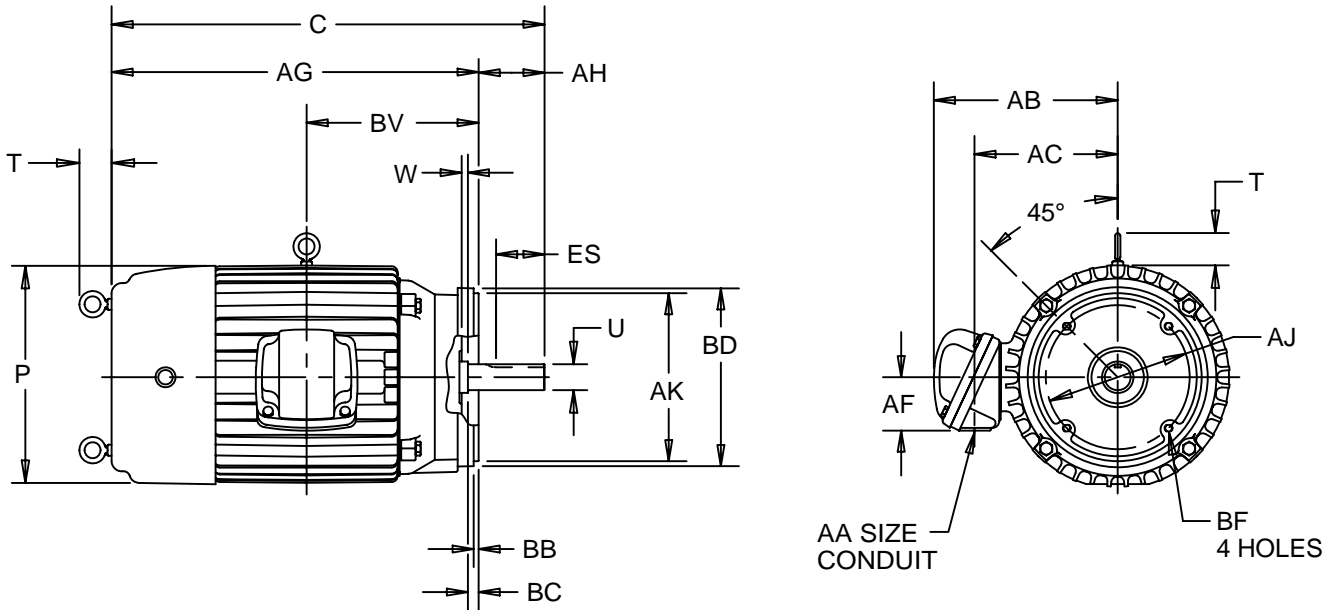
AUTOMOTIVE DUTY WITH NEMA "C" FACE

PRINT:  
07-2553

SUPERSEDES:  
21-MAR-11

FRAME: 254, 256UC  
BASIC TYPE: JADF, JDEF

SHEET:  
1 OF 1



DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P <sup>6</sup>	T <sup>7</sup>	U -.001	W	AA	AB	AC	AF	AG	AH
IN	22.88	13.31	1.75	1.375	.38	1-1/2 NPT	11.56	8.56	2.63	19.38	3.50
MM	581	338	44	34.93	10		294	217	67	492	89

UNITS	AJ	AK -.003	BB MIN	BC	BD MAX	BF <sup>2</sup>	BV	ES MIN	SQ KEY
IN	7.250	8.500	.25	.25	9.00	1/2-13 X .75	10.00	2.75	.313
MM	184.15	215.90	6	6	229		254	70	7.95

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

- 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: TOLERANCE SHOWN ARE IN INCHES ONLY.

- 5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: LARGEST MOTOR WIDTH.
- 7: THIS UNIT MAY HAVE HORIZONTAL LIFTING, VERTICAL LIFTING OR BOTH.

07-2553/B

**Nidec Motor Corporation**  
St. Louis, Missouri

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