

EFFECTIVE:
09-MAY-11

HORIZONTAL MOTORS

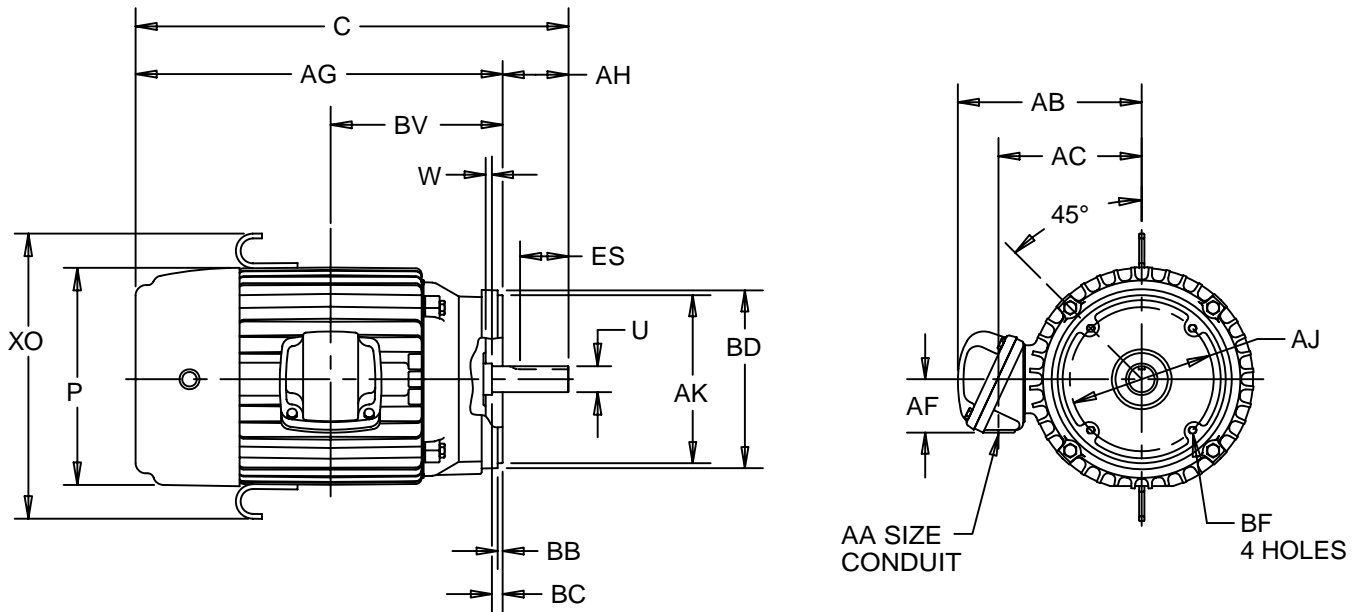
AUTOMOTIVE DUTY WITH NEMA "C" FACE

PRINT:
07-2551

SUPERSEDES:
20-FEB-03

FRAME: 182, 184C
BASIC TYPE: JAD

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P ⁶	U -.0005	W	AA	AB	AC	AF	AG	AH	AJ
IN	16.94	9.50	.8750	.19	3/4 NPT	7.88	5.75	2.13	14.81	2.13	5.875
MM	430	241	22.225	5		200	146	54	376	54	149.23

UNITS	AK -.003	BB -.06	BC	BD	BF ²	BV	ES MIN	XO	SQ KEY
IN	4.500	.16	.13	6.50	3/8-16 X .56	6.25	1.38	12.38	.188
MM	114.30	4	3	165		159	35	314	4.78

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.

07-2551/A

Nidec Motor Corporation
St. Louis, Missouri

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IHP_DP_NMCA (MAR-2011) SOLIDEDGE