

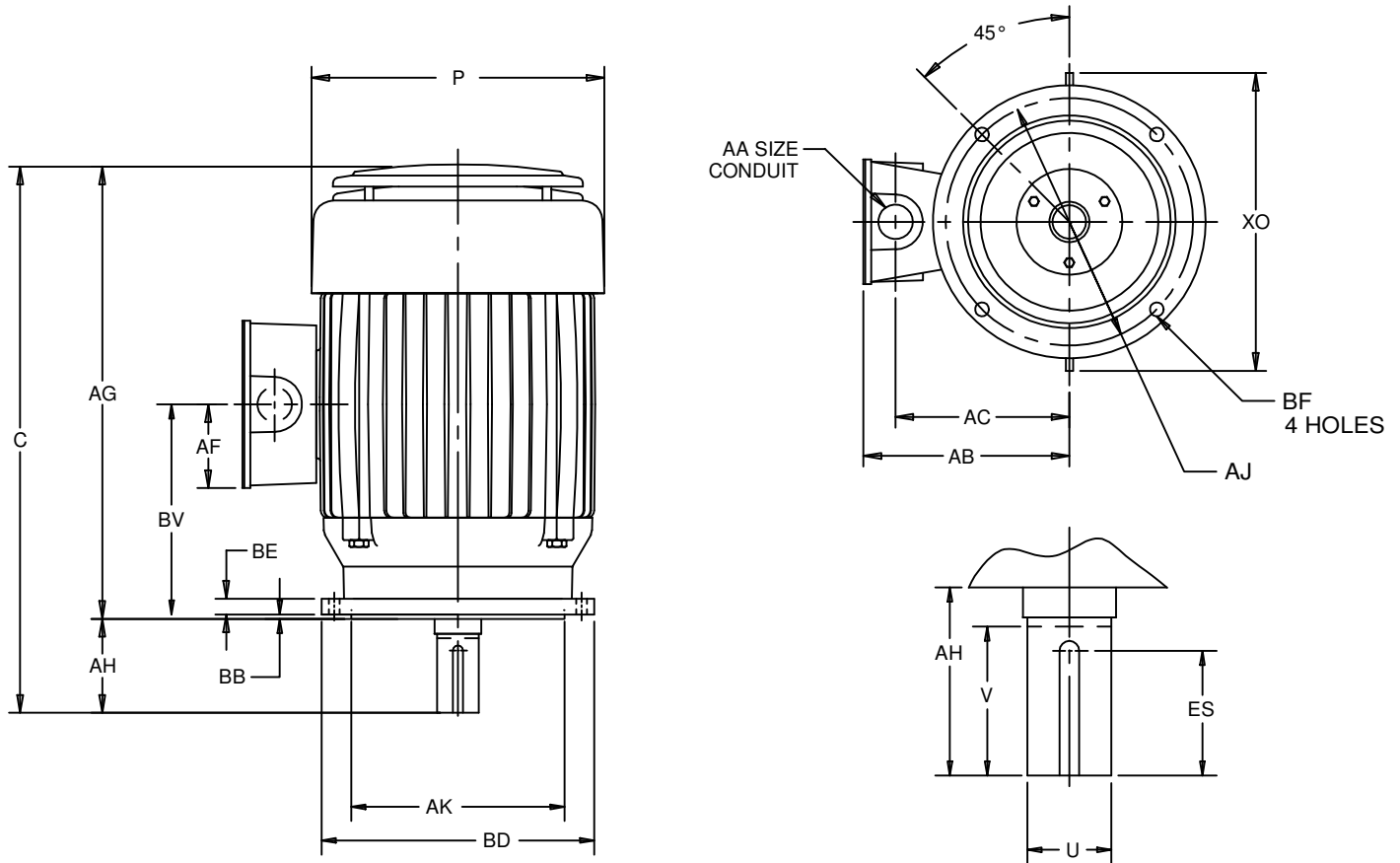
EFFECTIVE:
28-JUL-11

VERTICAL MOTORS
WEATHER PROTECTED TYPE I
FRAME: 182, 184TCV
BASIC TYPE: AV

PRINT:
09-2316

SUPERSEDES:
11-OCT-01

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P ⁴	U -.0005	V MIN	AA	AB	AC	AF	AG	AH
IN	18.03	9.50	1.1250	2.50	1.00	6.56	5.41	2.63	15.41	2.63
MM	458	241	28.575	64		167	137	67	391	67

UNITS	AJ	AK -.003	BB MIN	BD MAX	BF ⁴	BV	ES MIN	XO	SQ KEY
IN	7.250	8.500	.25	9.00	1/2 13 X .75	6.38	1.78	11.19	.250
MM	184.15	215.90	6	229		162	45	284	6.35

1. ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH.
3. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE.
5. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
6. TOLERANCES SHOWN ARE IN INCHES ONLY.

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

09-2316/A

Nidec Motor Corporation
St. Louis, Missouri

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IHP_DP_NMCA (MAR-2011) SOLIDEDGE