

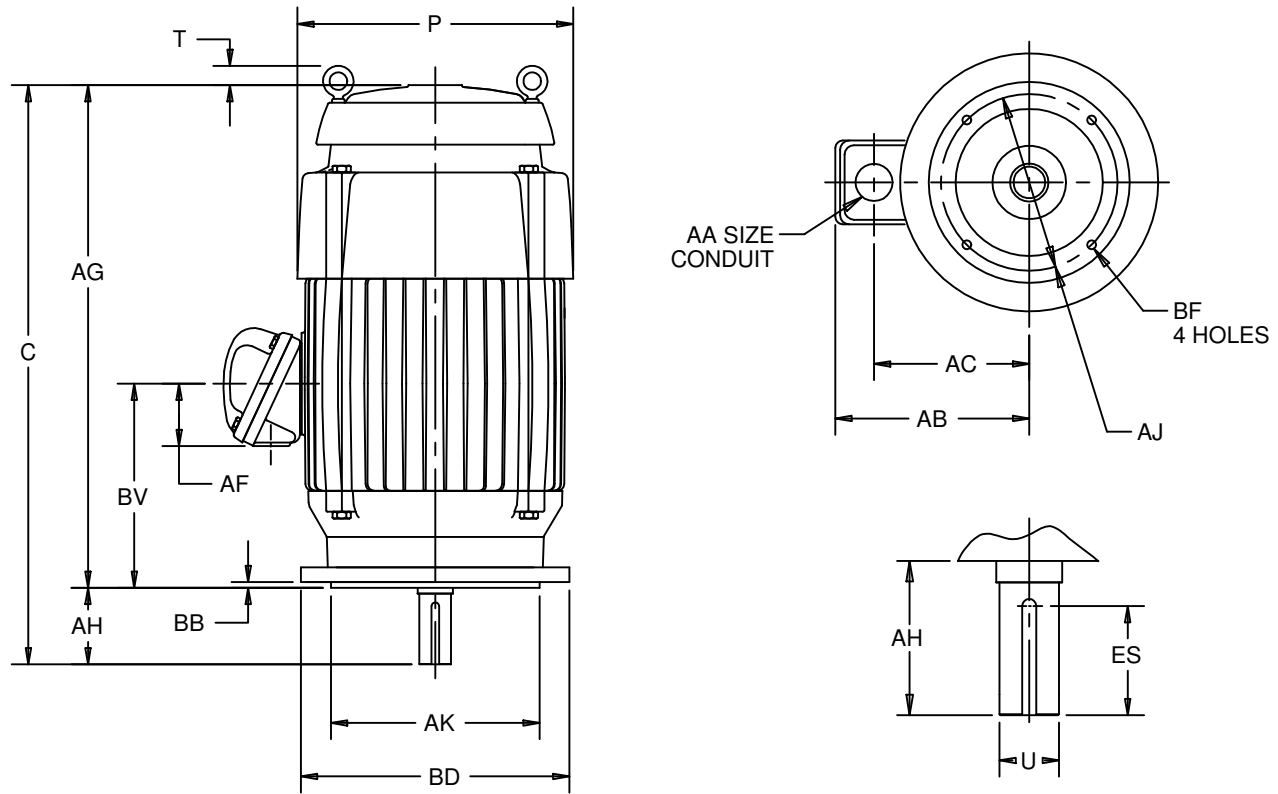
EFFECTIVE:  
**21-JUL-11**

**VERTICAL MOTORS**  
EXPLOSION PROOF  
FRAME: 182, 184TCV  
BASIC TYPE: LV

PRINT:  
**09-2369**

SUPERSEDES:  
**23-JAN-06**

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P <sup>2</sup>	T	U -.0005	AA	AB	AC	AF	AG	AH
IN	23.06	11.06	1.31	1.1250	1 NPT	9.19	6.81	2.63	20.44	2.63
MM	586	281	33	28.575		233	173	69	519	67

UNITS	AJ	AK -.003	BB MIN	BD MAX	BF <sup>3</sup>	BV	ES MIN	SQ KEY
IN	7.250	8.500	.25	9.00	1/2 13 X .75	8.00	1.78	.250
MM	184.15	215.90	6	229		203	45	6.35

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R.
FOR SPECIAL SHAFT RUNOUT	.001 T.I.R.

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: LARGEST MOTOR WIDTH.
- 3: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 4: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.

- 5: CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90 DEGREES, STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.

09-2369/C

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

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ISSUED BY  
**E. WENDT**  
APPROVED BY  
**K. POTTER**

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