

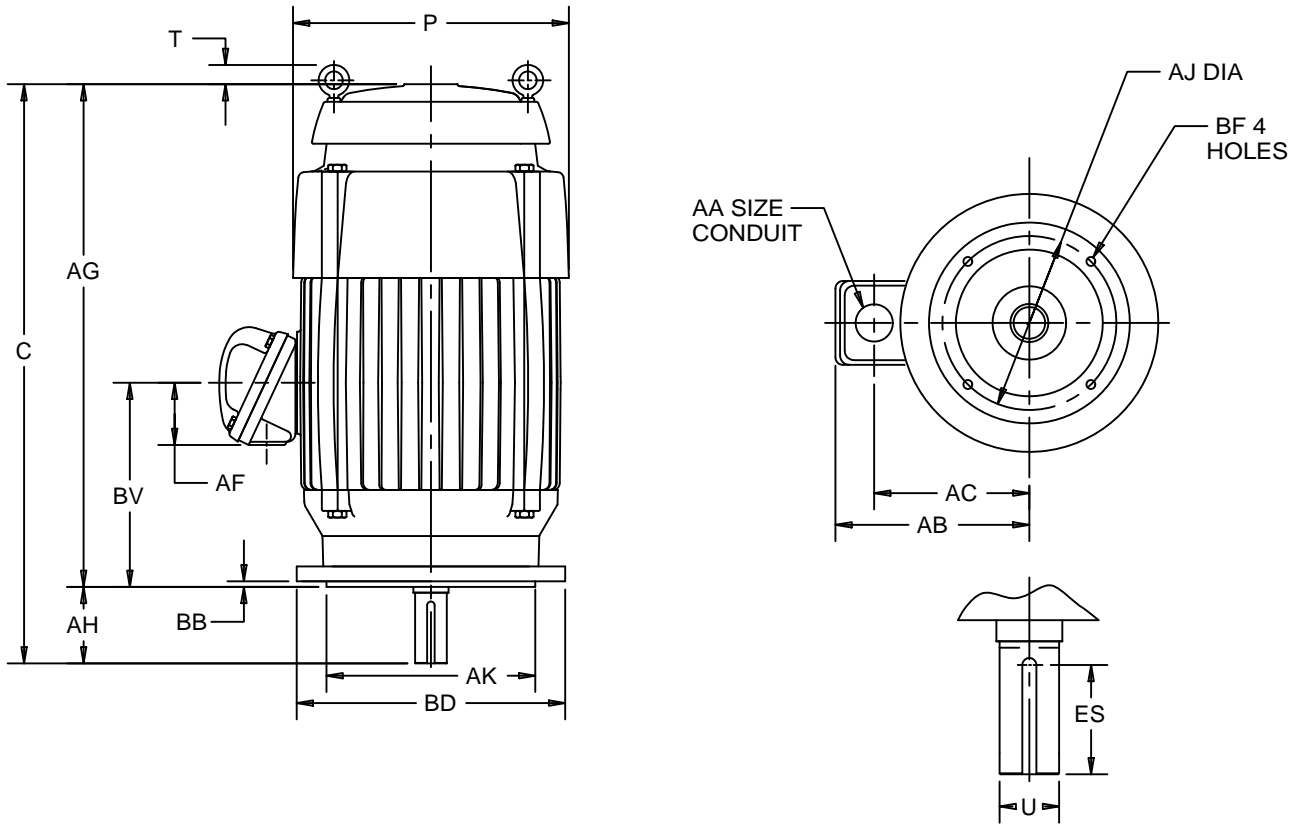
EFFECTIVE:  
06-APR-11

SUPERSEDES:  
20-NOV-02

**VERTICALLY MOUNTED MOTOR**  
EXPLOSION PROOF  
FRAME: 213,215TC,TCV  
BASIC TYPE: LV

PRINT:  
09-2357

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P <sup>5</sup>	T	U -.0005	AA	AB	AC	AF	AG	AH <sup>6</sup>	AJ	AK -.003
IN	23.56	11.06	1.31	1.3750	1 NPT	9.19	6.81	2.63	20.44	3.13	7.250	8.500
MM	598	281	33	34.925		233	173	69	519	80	184.15	215.90

UNITS	BB MAX	BD MAX	BF <sup>2</sup>	BV	ES MIN	SQ KEY
IN	.25	9.00	1/2-13 X .75	8.00	2.41	.313
MM	6	229		203	61	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.
FOR IEEE841 SHAFT RUNOUT	.001 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: CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90 DEGREES, STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.  
5: LARGEST MOTOR WIDTH.  
6: DIMENSION MEASURED WITH MOTOR IN VERTICAL POSITION, SHAFT DOWN.  
7: TOLERANCES SHOWN ARE IN INCHES ONLY.

09-2357/B

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

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