

EFFECTIVE:
25-APR-11

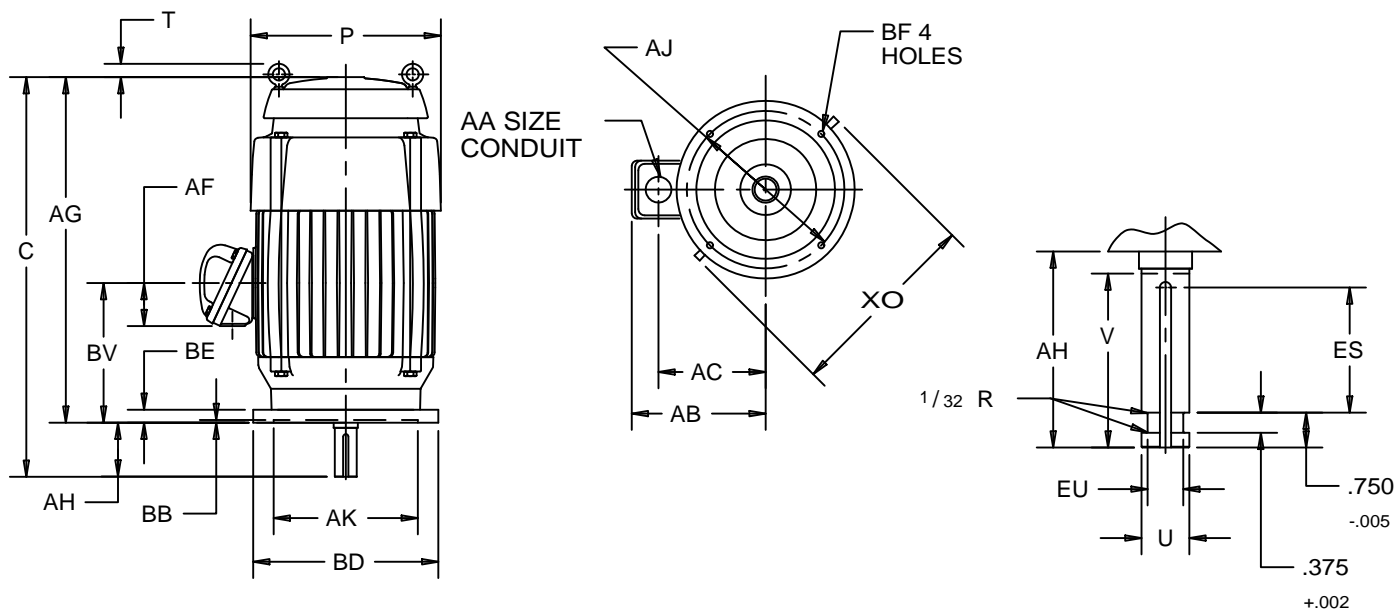
VERTICAL MOTORS

PRINT:
1116-3-11

SUPERSEDES:
15-JAN-11

FRAME: 256LP THRU 286LP
BASIC TYPE: TVCE9

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

FRAME	UNITS	C	P ³	T	AA	AB	AC	AF	AG	AH ±.031	BE	BV	XO
254,256	IN	27.56	13.19	1.63	1-1/2 NPT	11.50	8.50	2.63	24.81	2.750	.59	10.00	---
	MM	700	335	41		292	216	67	630	69.85	15	254	---
284,286	IN	31.88	14.56	1.50	1-1/2 NPT	11.94	9.06	2.63	27.38	4.500	.91	11.19	---
	MM	810	370	38		303	230	67	695	114.30	23	284	---

FRAME	UNITS	U -.001	V MIN	AJ	AK +.003	BB MIN	BD MAX	BF	ES MIN	EU -.005	SQ KEY
254,256LP	IN	1.625	2.75	9.125	8.250	.19	10.00	.44	1.88	1.250	.375
	MM	41.27	70	232	209.55	5	254	11	48	31.75	9.52
284,286LP	IN	2.125	4.00	9.125	8.250	.19	10.00	.44	3.06	1.750	.500
	MM	53.97	102	232	209.55	5	254	11	78	44.45	12.70

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.001 T.I.R.
PERMISSIBLE SHAFT ENDPLAY	

- 1: ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING VARIATIONS.
- 2: CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90 DEGREES, STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 3: LARGEST MOTOR WIDTH.

Nidec Motor Corporation
St. Louis, Missouri

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