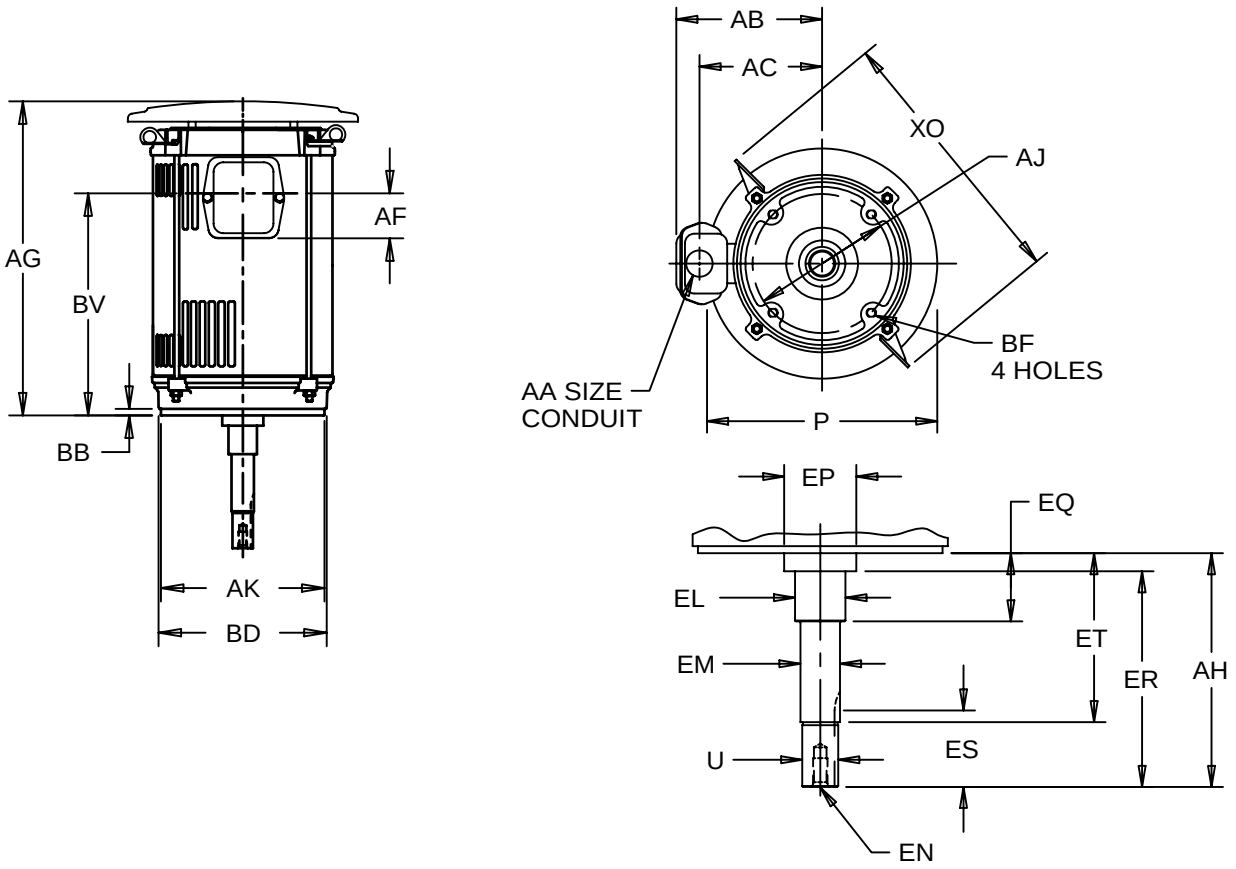
EFFECTIVE: 29-NOV-12	HORIZONTAL MOTORS ODP - CCP (VERTICAL MOUNTING) WITH OVERSIZED OUTLET BOX FRAME: 210JM BASIC TYPE: DF4	PRINT: 07-1234-02
SUPERSEDES: 14-APR-11		SHEET: 1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

	UNITS	P [2]	U -.0005	AA	AB	AC	AF	AH ±.031	AJ	AK -.003	BB ±.031	BD MAX	BF [3]
	IN	12.13	.8745	1.00	8.31	6.50	2.63	4.250	7.250	8.500	.281	9.00	1/2-13 X .75
	MM	308	22.212		211	165	67	107.95	184.15	215.90	7.14	229	

	UNITS	EL -.002	EM -.0005	EN [3]	EP MIN	EQ ±.015	ER MIN	ES MIN	ET ±.015	XO	SQ KEY
	IN	1.250	1.0000	3/8-16 X .75	1.75	.625	4.25	1.65	2.875	13.63	.188
	MM	31.75	54.400		44	15.88	108	42	73.03	346	4.78

	FRAME	UNITS	AG	BV
	213JM	IN	14.50	11.06
		MM	368	281
	215JM	IN	16.00	12.56
		MM	406	319

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. LARGEST MOTOR WIDTH.
3. TAP SIZE AND BOLT PENETRATION ALLOWANCE.
4. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
6: TOLERANCES SHOWN ARE IN INCHES ONLY.
7: FRAME REFERENCE: 10.530/213//12.030/215

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY	R. KING
APPROVED BY	J. O'BRIEN

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