

EFFECTIVE:
05-DEC-12

SUPERSEDES:
27-JUN-11

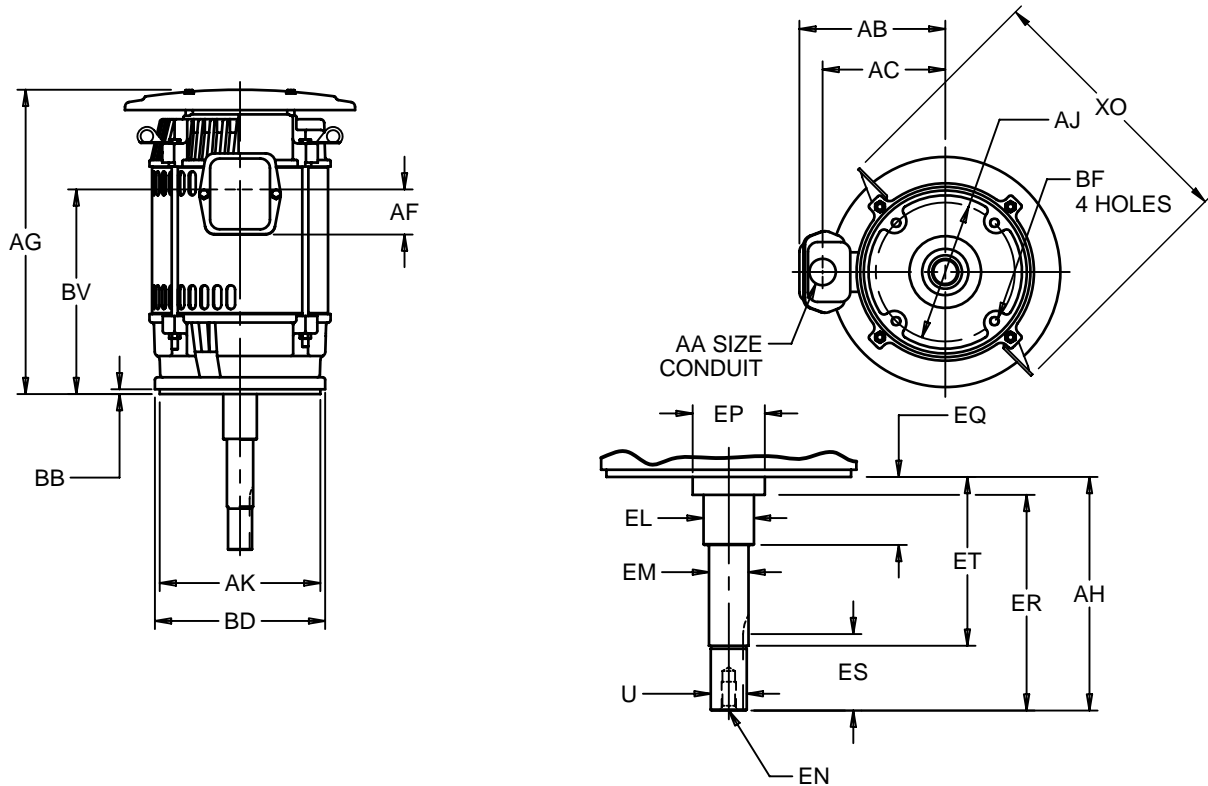
HORIZONTAL MOTORS

CLOSE-COUPLED PUMP MOTORS (VERTICAL MOUNTING)

FRAME: 210, A254JM, JP
BASIC TYPE: DF1, DF4

PRINT:
07-1234

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

FRAME	UNITS	P ³	AA	AB	AC	AF	AG	AJ	AK -.003	BB ±.031	BD MAX	BV
213	IN	12.13	1.00	7.60	6.40	2.13	14.38	7.250	8.500	.281	9.00	11.06
	MM	308		193	163	54	365	184.15	215.90	7.14	229	281
215	IN	12.13	1.00	7.60	6.40	2.13	15.88	7.250	8.500	.281	9.00	12.56
	MM	308		193	163	54	403	184.15	215.90	7.14	229	319
A254	IN	12.13	1.25	8.81	6.72	2.03	17.75	7.250	8.500	.281	9.00	12.38
	MM	308		224	171	52	451	184.15	215.90	7.14	229	314

FRAME	UNITS	U -.0005	AH ±.031	BF ²	EL -.002	EM -.0005	EN ²	EP MIN	EQ ±.015
210JM	IN	.8745	4.250	1/2-13 x .75	1.250	1.0000	3/8-16 x .75	1.75	.625
	MM	22.212	107.95		31.75	25.400		44	15.88
A254JM	IN	1.2495	5.250	1/2-13 x .75	1.750	1.3750	1/2-13 x 1.00	1.75	.625
	MM	31.737	133.35		44.45	34.925		44	15.88
210JP, A254JP	IN	1.2495	8.125	1/2-13 x .75	1.750	1.3750	1/2-13 x 1.00	1.75	2.375
	MM	31.737	206.38		44.45	34.925		44	60.33

FRAME	UNITS	ER MIN	ES MIN	ET ±.015	XO	SQ. KEY
210JM	IN	4.25	1.65	2.875	13.63	.188
	MM	108	42	73.03	3.46	4.78
A254JM	IN	5.25	2.53	3.000	13.63	.188
	MM	133	64	76.20	3.46	4.72
210JP	IN	8.13	1.65	5.875	13.63	.250
	MM	207	42	149.23	3.46	6.35
A254JP	IN	8.13	2.53	5.875	13.63	.250
	MM	207	64	149.23	3.46	6.35

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
10.250/254

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

07-1234/C

Nidec Motor Corporation
St. Louis, Missouri

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

IHP_DP_NMCA (MAR-2011) SOLIDEDGE