

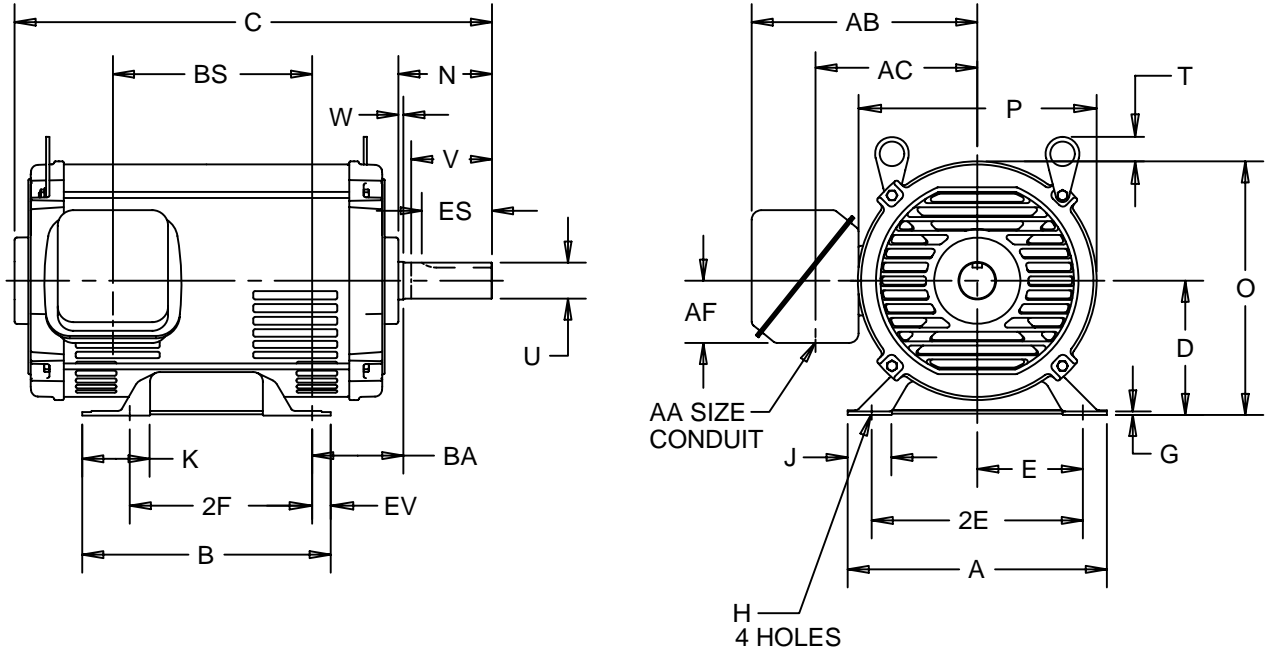
EFFECTIVE:  
26-NOV-12

SUPERSEDES:  
11-MAY-11

**HORIZONTAL MOTORS**  
OPEN DRIP PROOF  
FRAME: 210T  
BASIC TYPE: D

PRINT:  
07-2204

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	D -.06	E	2E ±.03	G	H +.05	J	K	N	O	P <sup>2</sup>	T
IN	9.50	5.25	4.25	8.50	.19	.41	1.16	1.03	3.50	9.96	9.42	1.25
MM	241	133	108	216	5	10	29	26	89	253	239	32

UNITS	U -.0005	V MIN	W	AA	AB	AC	AF	BA	ES MIN	EV	SQ KEY
IN	1.3750	3.25	.13	1.00	7.60	6.40	2.13	3.50	2.41	.50	.313
MM	34.925	83	3		193	163	54	89	61	13	7.95

FRAME	UNITS	B	C	2F ±.03	BS
213T	IN	6.50	15.96	5.50	6.67
	MM	165	405	140	169
215T	IN	8.00	17.46	7.00	8.17
	MM	203	443	178	208

1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.  
2: LARGEST MOTOR WIDTH.  
3: TOLERANCES ARE IN INCHES ONLY.

4: CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.  
5: FRAME REFERENCE: 10.53/213//12.03/215

07-2204/D

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

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ISSUED BY  
**R. KING**  
APPROVED BY  
**J. HAGENE**

IHP\_DP\_NMCA (MAR-2011) SOLIDEDGE

## MOTOR PERFORMANCE

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
NA	D7PK10G-P	3	DE	213T
ORDER NO.	1342748		LINE NO.	100
MPI:			156694	156695
HP:			7.5	3.33
POLES:			4	6
VOLTS:			575	575
HZ:			60	60
SERVICE FACTOR:			1.15	1.15
EFFICIENCY (%):				
S.F.			85.7	82.5
FULL			86.5	82.5
3/4			86.8	82.7
1/2			85	79.7
1/4			77.1	69.2
POWER FACTOR (%):				
S.F.			82.3	73.3
FULL			79.1	69.7
3/4			71.1	60.6
1/2			57.6	47.2
1/4			36.1	29.4
NO LOAD			7.2	7.7
LOCKED ROTOR			60.2	66.9
AMPS:				
S.F.			9.2	4.7
FULL			8.2	4.3
3/4			6.8	3.7
1/2			5.7	3.3
1/4			5	3.1
NO LOAD			5	3.1
LOCKED ROTOR			58	26.7
NEMA CODE LETTER			J	J
NEMA DESIGN LETTER			#	#
FULL LOAD RPM			1770	1180
NEMA NOMINAL / EFFICIENCY (%)			86.5	82.5
GUARANTEED EFFICIENCY (%)			84	80
MAX KVAR			4.2	2.6
AMBIENT (°C)			40	40
ALTITUDE (FASL)			3300	3300
SAFE STALL TIME-HOT (SEC)			4	5
SOUND PRESSURE (DBA @ 1M)			58	54
TORQUES:				
BREAKDOWN{% F.L.}			327	308
LOCKED ROTOR{% F.L.}			212	221
FULL LOAD{LB-FT}			22.3	14.8

NEMA Nominal and Guaranteed Efficiencies are up to 3,300 feet above sea level and 25 ° C ambient.

The Above Data Is Typical, Sinewave Power Unless Noted Otherwise

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