

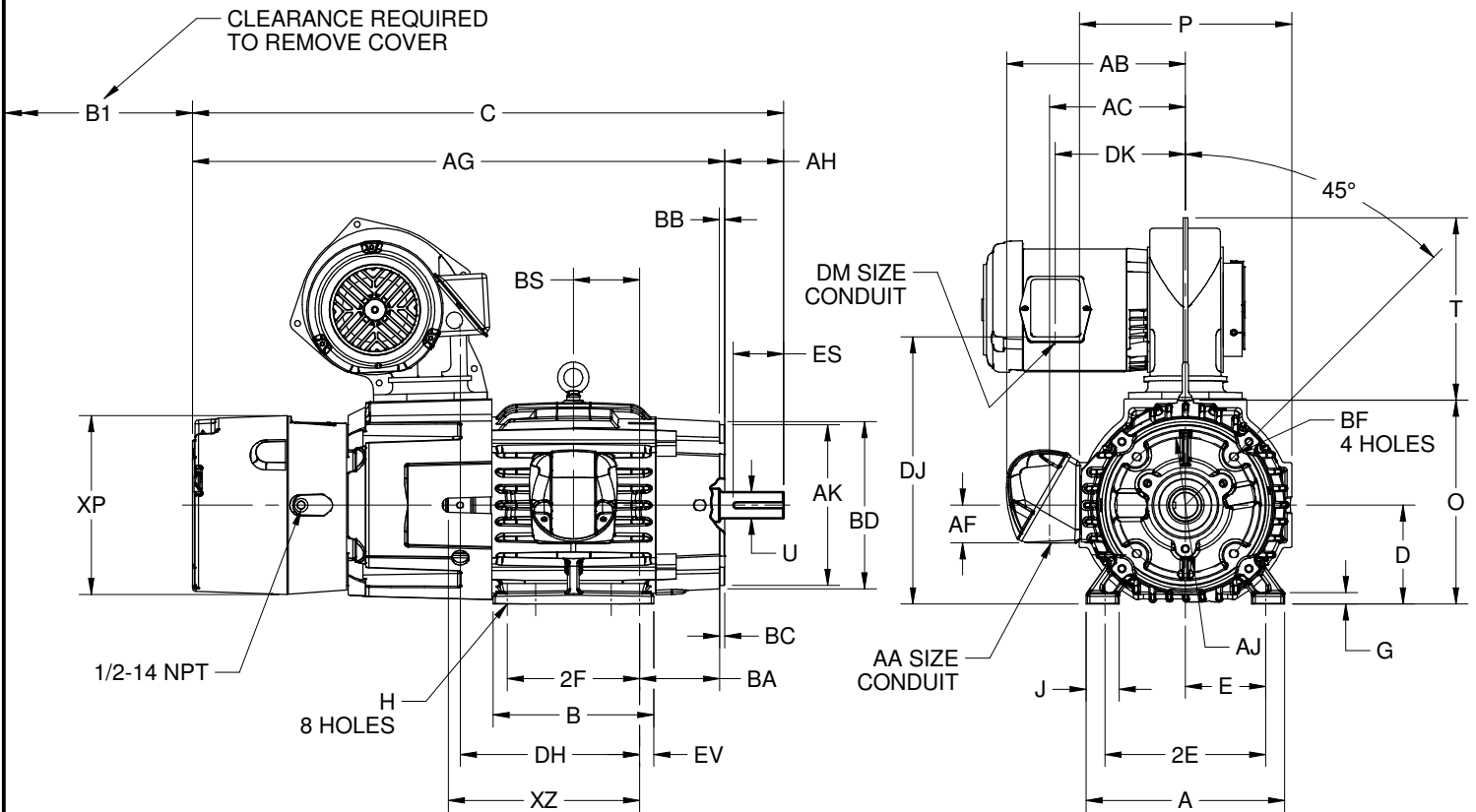
EFFECTIVE:  
**15-JUN-17**

**DIMENSION PRINT**  
TEFC (RADIAL) W/ BRAKE  
FRAME: 210TC  
BASIC TYPE: TC

PRINT:  
**07-3263**

SUPERSEDES:  
**NEW**

SHEET:  
**1 OF 1**



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	O	P <sup>2</sup>	U -.001	T
IN	10.50	8.50	31.27	5.23	4.25	8.50	.60	.41	1.75	10.79	11.22	1.375	9.65
MM	267	216	794	133	108	216	15	10	44	274	285	34.93	245

UNITS	AA	AB	AC	AF	AG	AH	AJ	AK -.003	B1	BA	BB MIN	BC	BD MAX
IN	1.00 NPT	9.47	7.19	2.00	28.16	3.11	7.250	8.500	4.69	4.24	.28	.27	9.00
MM		241	183	51	715	79	184.15	215.90	119	108	7	7	229

UNITS	BF <sup>3,4</sup>	BS	DH	DJ	DK	DM	ES MIN	EV	SQ KEY	XP	XZ
IN	1/2-13 X 1.06	3.50	9.48	14.13	6.88	.50	2.66	.75	.313	9.46	10.12
MM		89	241	359	175		68	19	7.95	240	257

FRAME	UNITS	2F ±.03
213TC	IN	4.00
	MM	102
215TC	IN	7.00
	MM	178

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

1. DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS
2. LARGEST MOTOR WIDTH
3. ALL TAP HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE
5. STANDARD ASSEMBLY POSITION F-1 IS SHOWN. F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF THE LOCATION
6. TOLERANCES ARE SHOWN IN INCHES ONLY

NOTE: THIS DIMENSION PRINT IS GOOD FOR STEARNS SERIES 1-087-0XX-00, IP54 ENCLOSURE, RANGING FROM 50 THRU 75 LB-FT.

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

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IHP\_DP\_NMCA (MAR-2011) SOLIDEDGE