

EFFECTIVE:  
10-FEB-16

# DIMENSION PRINT

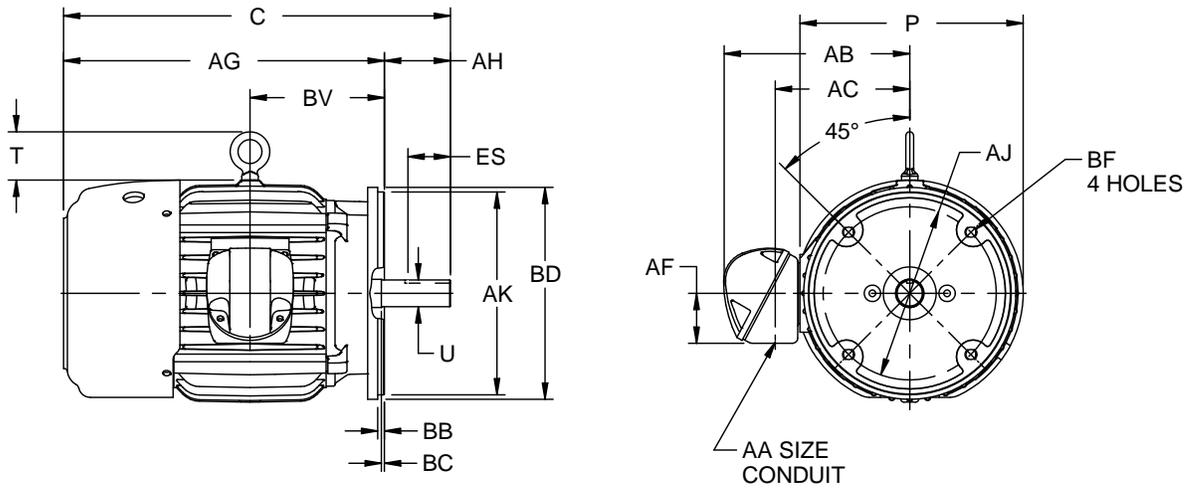
W/ NEMA "C" BRACKET AND CAST IRON CONDUIT BOX

PRINT:  
07-2177

SUPERSEDES:  
16-MAR-11

FRAME: 182, 184TC  
BASIC TYPE: CEF, CTF, TCF

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	C	P <sup>6</sup>	T <sup>7</sup>	U -.0005	AA	AB	AC	AF	AG	AH
IN	16.19	9.34	2.06	1.1250	3/4 NPT	7.81	5.63	2.13	13.44	2.63
MM	411	237	52	28.575		198	143	53	341	67

UNITS	AJ	AK -.003	BB MIN	BC	BD MAX	BF <sup>2</sup>	BV	ES MIN	SQ KEY
IN	7.250	8.500	.25	.13	9.00	1/2-13 X .75	5.63	1.78	.250
MM	184.15	215.90	6	3	229		143	45	6.35

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- 2: TAP SIZE AND BOLT PENETRATION ALLOWANCE.
- 3: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- 4: TOLERANCE SHOWN ARE IN INCHES ONLY.

- 5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- 6: LARGEST MOTOR WIDTH.

TOLERANCES	
FACE RUNOUT	.004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R.
FOR SPECIAL SHAFT RUNOUT	.001 T.I.R.

07-2177/F

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

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