

EFFECTIVE:  
17-NOV-14

# DIMENSION PRINT

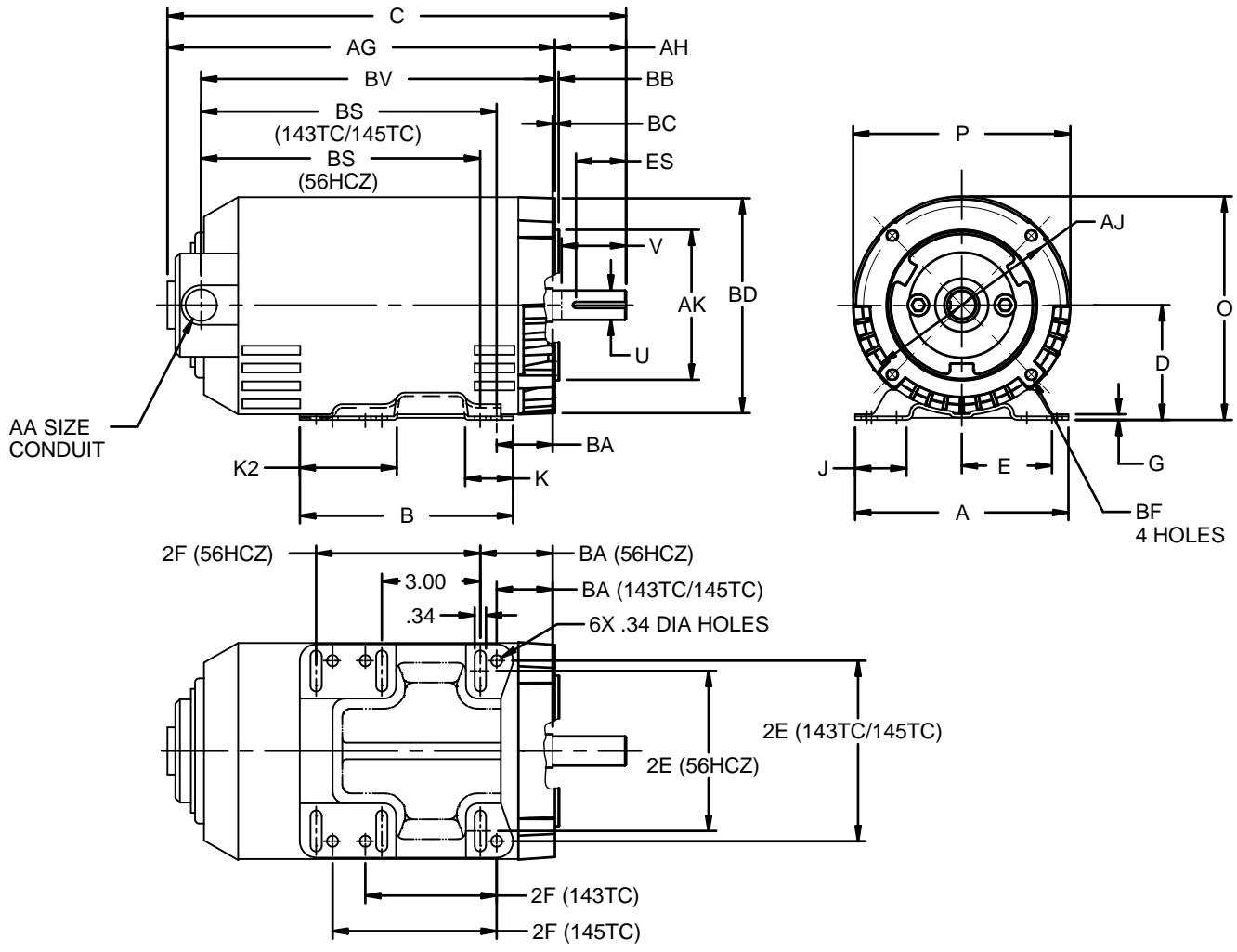
## OPEN DRIP PROOF WITH MULTI-MOUNT BASE

FRAME: 143-5TC/56HCZ  
BASIC TYPE: D

PRINT:  
07-3132

SUPERSEDES:  
26-AUG-14

SHEET:  
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	G	J	K	K2	O	P <sup>2</sup>	U -.0005	V MIN
IN	6.50	6.50	13.25	3.50	2.75	.13	1.75	1.75	3.25	6.72	6.44	.8750	2.00
MM	165	165	337	89	70	3	44	44	83	171	164	22.225	51

UNITS	AA	AG	AH	AJ	AK -.003	BB MIN	BC	BD MAX	BF <sup>3</sup>	BV	ES MIN	SQ KEY
IN	.75	11.13	2.13	5.875	4.500	.156	.13	6.50	3/8-16 X .75	9.66	1.41	.188
MM		283	54	149.23	114.30	3.96	3	165		245	36	4.78

FRAME	UNITS	2E ±.03	2F ±.03	BA	BS
56HCZ (7.75")	IN	4.88	5.00	3.25	6.25
	MM	124	127	83	159
143TC (7.75")	IN	5.50	4.00	2.75	6.75
	MM	140	102	70	171
145TC (7.75")	IN	5.50	5.00	2.75	6.75
	MM	140	127	70	171

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. TOLERANCES SHOWN ARE IN INCHES ONLY.

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

07-3132/B

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

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

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