

EFFECTIVE:
18-MAY-11

HORIZONTAL MOTORS

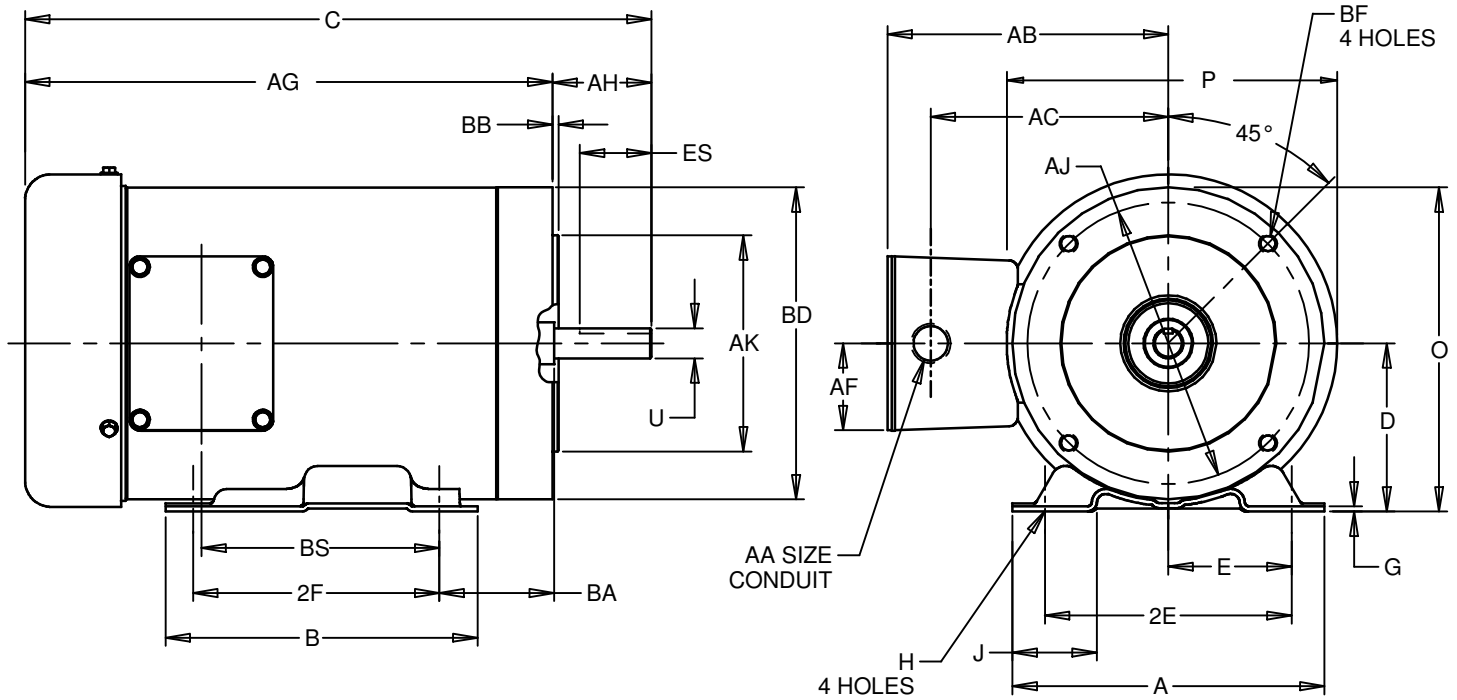
TEFC, STAINLESS STEEL FRAME, FOOTED

PRINT:
07-2488

SUPERSEDES:
14-NOV-02

FRAME: 56HC
BASIC TYPE: FSS

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.06	E	2E ±.03	2F ±.03	G	H +.05	J	O	P ²	U -.0005
IN	6.50	6.50	13.16	3.50	2.75	5.50	5.00	.13	.34	1.75	6.75	7.06	.6250
mm	165	165	334	89	70	140	127	3	9	44	171	179	15.875

UNITS	AA	AB	AC	AF	AG	AH	AJ	AK -.003
IN	1/2 NPT	6.00	4.94	1.81	11.03	2.06	5.875	4.500
mm		152	126	46	280	52	149.23	114.30

UNITS	BA	BB	BD	BF ³	BS	ES MIN	SQ KEY
IN	2.75	.13	6.500	3/8 -16 X .75	4.75	1.41	.188
mm	70	3	165.10		121	36	4.78

- 1: ALL ROUGH DIMENSIONS MAY VARY .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 ARE ALL IN INCHES.
- 6: FRAME REFERENCE: 7.750/56/143/145.

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

07-2488/A

Nidec Motor Corporation
St. Louis, Missouri

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