

EFFECTIVE:
01-MAR-12

SUPERSEDES:
28-NOV-11

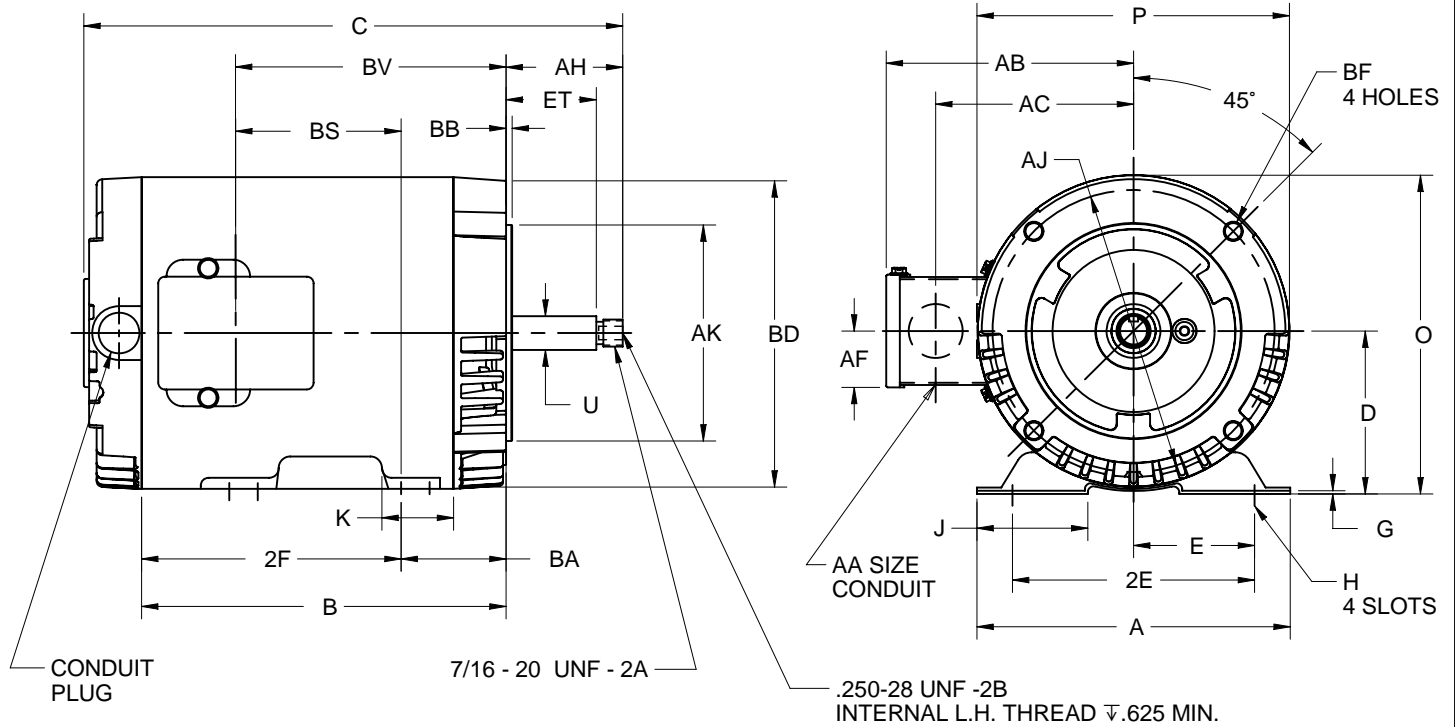
HORIZONTAL MOTORS

OPEN

FRAME: 56J
BASIC TYPE: D

PRINT:
07-2981

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	A	B	C	D -.03	E	2E	2F	G	H	J	K	O
IN	6.50	6.50	14.86	3.50	2.44	4.875	5.00	.104	.344 X 1.25	1.66	1.38	6.75
MM	165	165	377	89	62	123.82	127	2.64		42	35	171

UNITS	P ²	U -.0005	AA	AB	AC	AF	AH	AJ	AK -.003	BA	BB MIN	BD MAX
IN	6.50	.6250	.88 NPT	5.44	4.13	1.13	2.56	5.875	4.500	2.56	.13	6.50
MM	165	15.875		138	105	29	65	149.23	114.30	65	3	165

UNITS	BF ⁴	BS	BV	ET ±.015
IN	.375-16 x .75	4.94	8.66	1.875
MM		125	220	47.62

- ALL ROUGH CASTING DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- TAP SIZE AND BOLT PENETRATION ALLOWANCE.

- ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
- CONDUIT HOLE KNOCKOUTS AVAILABLE ON ALL 4 SIDES OF CONDUIT BOX.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- FRAME REFERENCE: 10.000/56

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

Nidec Motor Corporation
St. Louis, Missouri

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