

EFFECTIVE:
21-APR-11

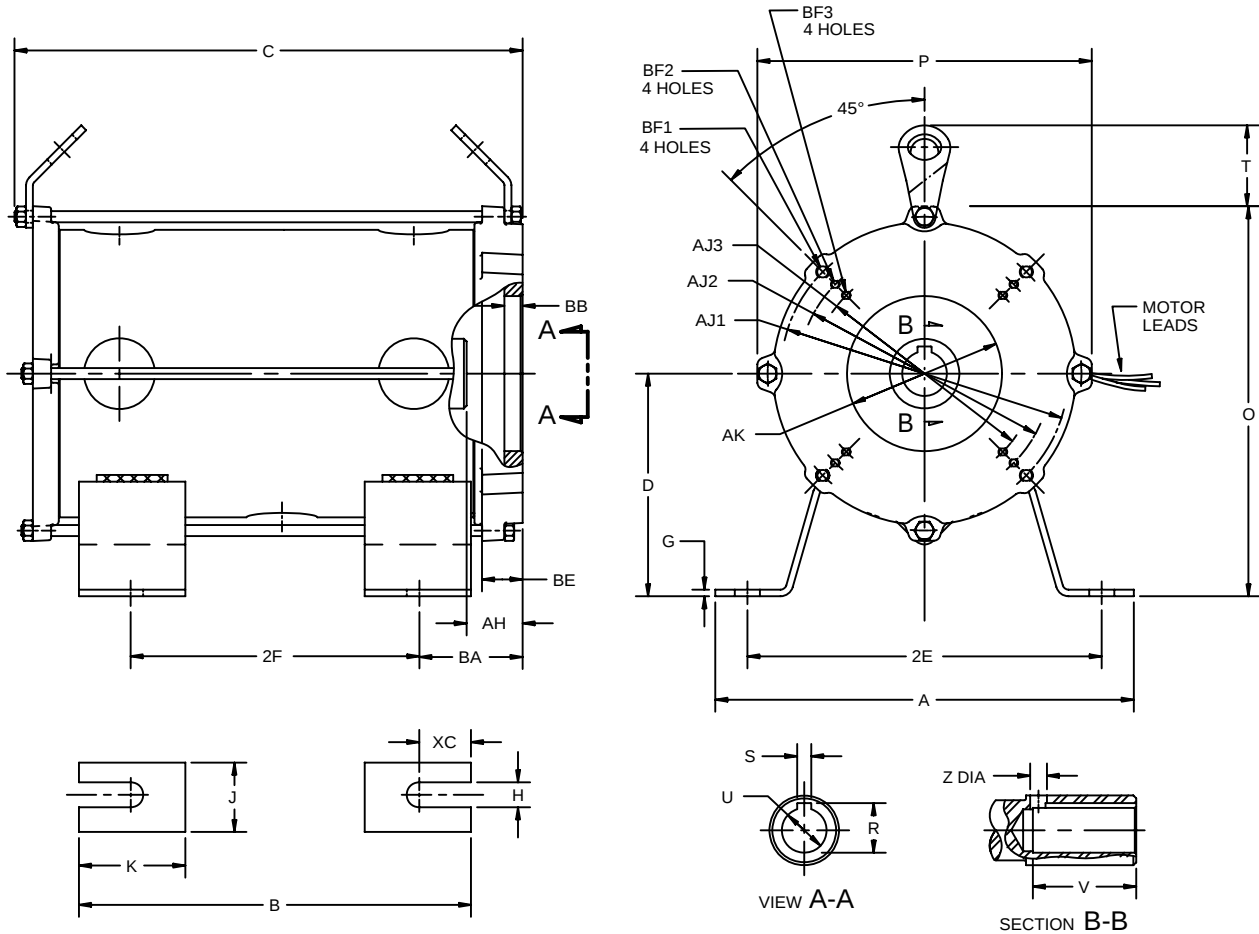
SUPERSEDES:
26-SEP-03

HORIZONTAL MOTORS

THREE PHASE
FRAME: 160ZBS
BASIC TYPE: IMH

PRINT:
07-1896

SHEET:
1 OF 1



MOTOR LEADS

TOTAL LENGTH	BUTT SPLICES	
87"	12"	47"
2200 MM	300 MM	1200 MM
TOLERANCE: $\pm 1"$ or ± 25 MM WHEN MEASURED FROM FACE OF REAR BRACKET (END BELL).		

SHAFT DIMENSIONS

UNITS	R	S	U
INCHES	1.407 1.390	.398 .395	1.262 1.261
MM	35.74 35.31	10.11 10.03	32.06 32.03

ENG. REF.

40-50 HP

UNITS	V	Z
INCHES	2.913 TOL. $\pm .015$	.472 TOL. $\pm .015$
MM	74.0 TOL. $\pm .38$	12.0 TOL. $\pm .38$

MOTOR DIMENSIONS

UNITS	A	B	C	D	2E	2F	G	H	J	K	O	P	T
INCHES	11.81	11.06	17.48	6.30	10.00	8.15	.19	.71	1.97	3.00	11.06	9.53	2.28
TOL.	$\pm .06$	$\pm .06$	$\pm .12$	$\pm .06$	$\pm .06$	$\pm .06$	$\pm .015$	$\pm .015$	$\pm .06$	$\pm .06$	$\pm .12$	$\pm .12$	$\pm .12$
MM	300	281	444	160	254	207	4.83	18	50	76.2	281	242	57.91
TOL.	± 1.5	± 1.5	± 3.0	± 1.5	± 1.5	± 1.5	$\pm .38$	$\pm .38$	± 1.5	± 1.5	± 3.0	± 3.0	± 3.0

UNITS	AH	AJ1	AJ2	AJ3	AK	BA	BB	BE	BF1 ¹	BF2 ¹	BF3 ¹	XC
INCHES	1.596	8.125	7.125	6.250	4.376	2.84	.51	1.146	.375-16 X .56	.250-20 X .50	.250-20 X .50	1.46
TOL.	1.557	$\pm .015$	$\pm .015$	$\pm .015$	4.375	$\pm .06$	$\pm .06$	1.142				$\pm .06$
MM	40.55	206.4	181.0	158.8	111.15	72	13	29.1				37
TOL.	39.55	$\pm .38$	$\pm .38$	$\pm .38$	111.13	± 1.5	± 1.5	29.0				± 1.5

1. TAP SIZE & BOLT PENETRATION ALLOWANCE

07-1896/B

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
R. KING
APPROVED BY
K. POTTER

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