

EFFECTIVE:
21-APR-11

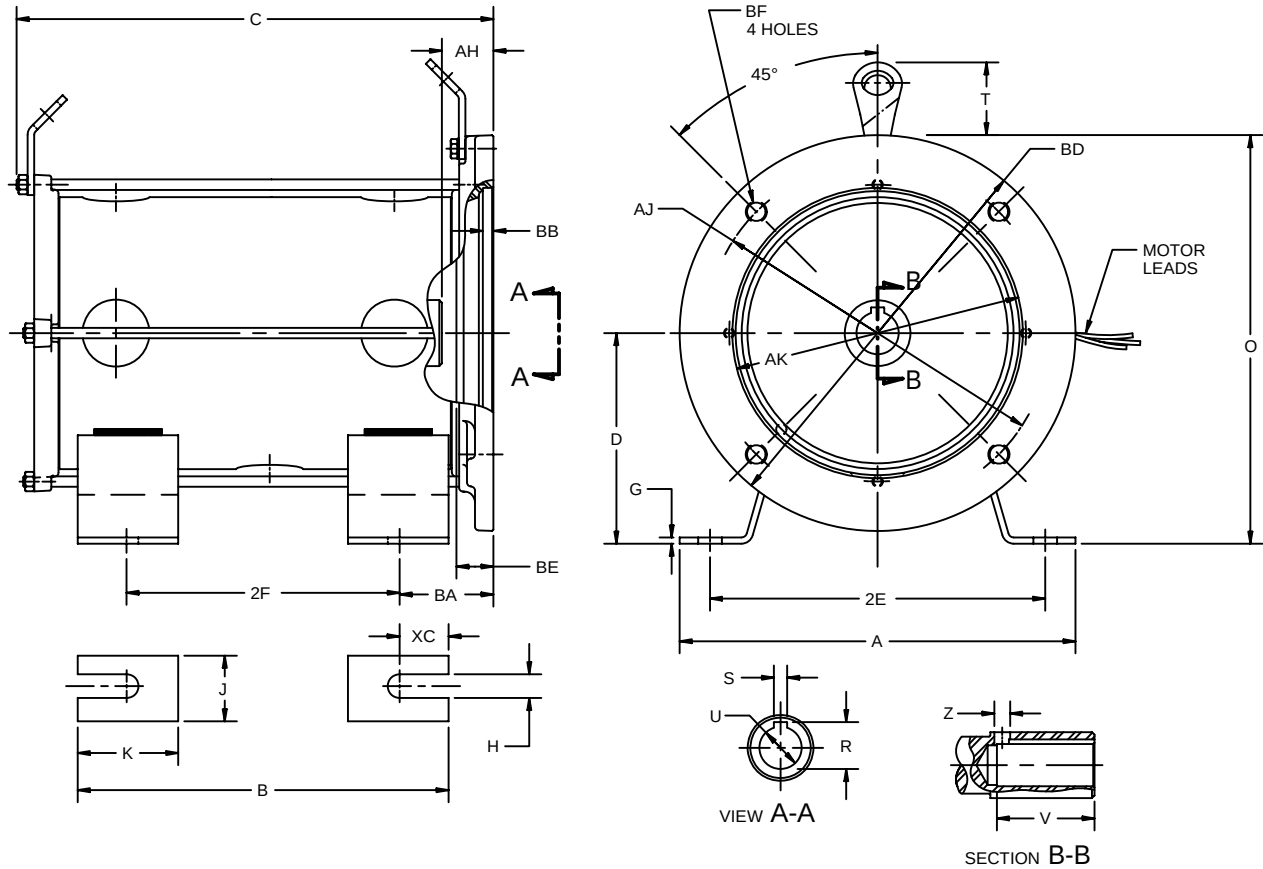
SUPERSEDES:
13-SEP-96

HORIZONTAL MOTORS

THREE PHASE
FRAME: 160LCS
BASIC TYPE: IMH

PRINT:
07-1898

SHEET:
1 OF 1



ENG. REF.
40-50 HP

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

UNITS	V	Z
INCHES	2.913 TOL. ± 0.015	.472 TOL. ± 0.015
MM	74.0 TOL. ± 38	12.0 TOL. ± 38

MOTOR DIMENSIONS

	UNITS	AH	AJ	AK	BA	BB	BD	BE	BF ¹	XC
	INCHES	1.557	10.236	8.667	2.80	.32	11.81	1.106		1.46
	TOL.	1.518	± 0.015	8.655	± 0.06	± 0.06	± 0.06	1.102		± 0.06
	MM	39.55	260.0	220.15	71	8	300	28.1	M16-2	37
	TOL.	38.55	± 38	219.85	± 1.5	± 1.5	± 1.5	28.0	THRU	± 1.5

	UNITS	A	B	C	D	2E	2F	G	H	J	K	O	T
	INCHES	11.81	11.06	17.44	6.30	10.00	8.15	.19	.71	1.97	3.00	12.20	2.17
	TOL.	± 0.06	± 0.06	± 1.2	± 0.06	± 0.06	± 0.06	± 0.015	± 0.015	± 0.06	± 0.06	± 1.2	± 1.2
	MM	300	281	443	160	254	207	4.83	18	50	76.2	310	55.12
	TOL.	± 1.5	± 1.5	± 3.0	± 1.5	± 1.5	± 1.5	± 38	± 38	± 1.5	± 1.5	± 3.0	± 3.0

1. TAP SIZE & BOLT PENETRATION ALLOWANCE.

07-1898/A

Nidec Motor Corporation
St. Louis, Missouri

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