

EFFECTIVE:
25-MAY-11

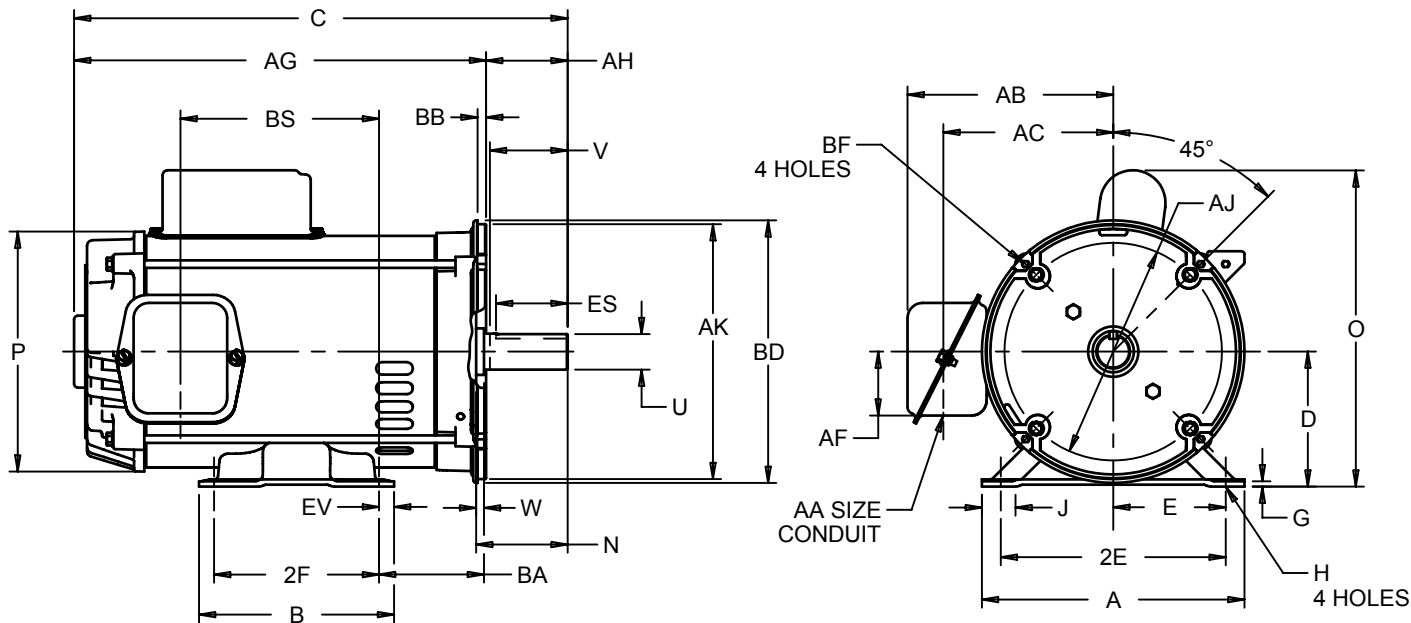
HORIZONTAL MOTORS
ODP- WITH "C" BRACKET
FRAME: 182-184TC
BASIC TYPE: DM

PRINT:
07-2581

SUPERSEDES:
03-APR-03

SHEET:
1 OF 1

STANDARD F-1 ASSEMBLY



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

BASIC SIZE	UNITS	A	B	C	D -.06	E	2E ±.03	G	H +.05	J	N	O	P ²	U -.001
180	IN	8.75	6.50	15.81	4.50	3.75	7.50	.19	.44	1.00	2.88	10.53	7.75	1.125
	MM	222	165	402	114	95	191	5	11	25	73	267	197	28.58

BASIC SIZE	UNITS	V MIN	W	AA	AB	AC	AF	AG	AH ±.031	AJ	AK -.003	BA	BB ±.031
180	IN	2.50	.13	1.12	6.83	5.63	2.13	13.22	2.625	7.250	8.500	3.50	.250
	MM	64	3	1.12	173	143	54	336	66.68	184.15	215.90	89	6.35

BASIC SIZE	UNITS	BD MAX	BF ³	BS	ES MIN	SQ KEY
180	IN	9.00	1/2-13 X .75	6.09	2.53	.250
	MM	229		155	64	6.35

SIZE	UNITS	2F ±.03
182	IN	4.50
	MM	114
184	IN	5.50
	MM	140

- 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: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE AND CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN
- 6: TOLERANCES SHOWN ARE IN INCHES ONLY.
- 7: FRAME REFERENCE: 9.500"/182/184.

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

07-2581/A

Nidec Motor Corporation
St. Louis, Missouri

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