

EFFECTIVE:
26-MAY-11

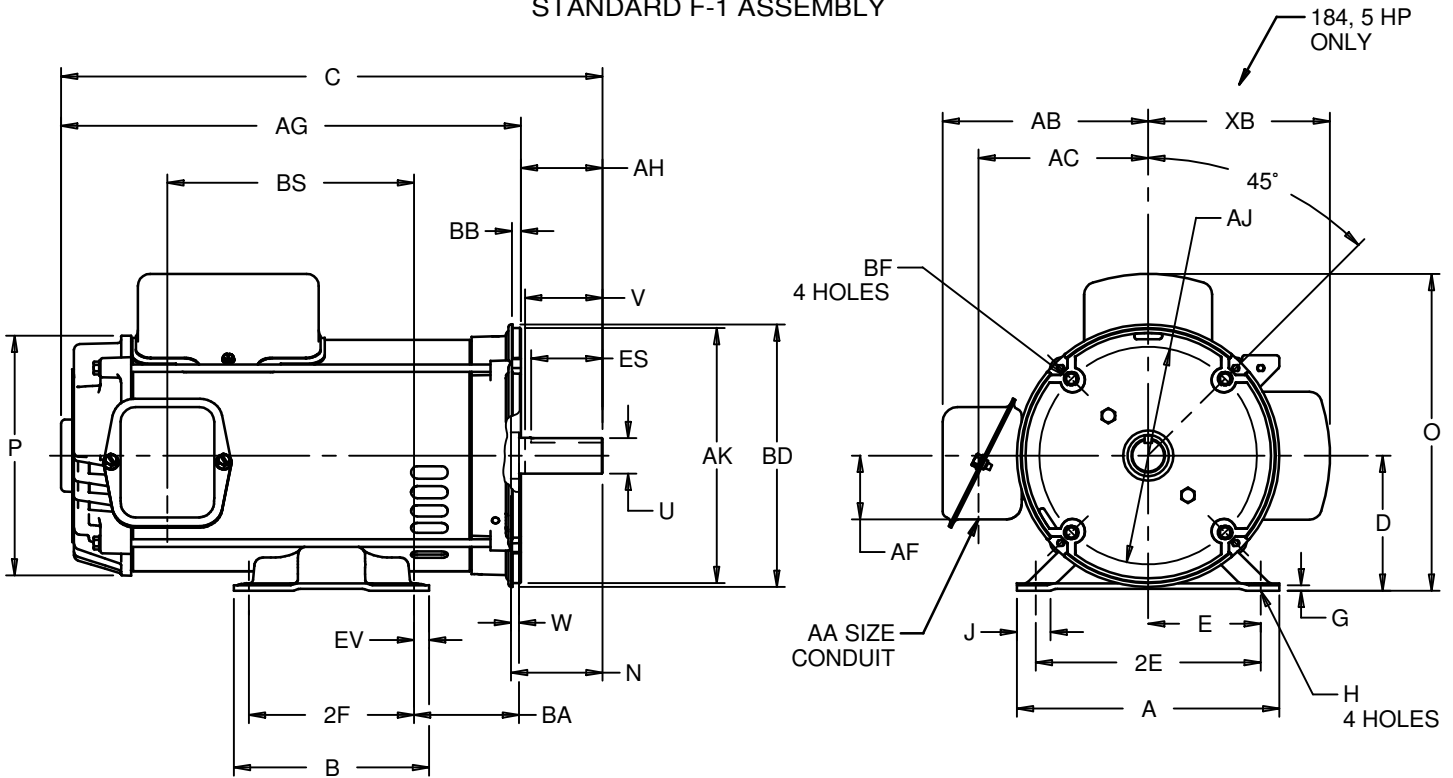
HORIZONTAL MOTORS
ODP - WITH "C" BRACKET
FRAME: 182-184TC
BASIC TYPE: DM

PRINT:
07-2582

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	17.94	4.50	3.75	7.50	.19	.44	1.00	2.88	10.53	7.75	1.125
	MM	222	165	456	114	95	191	5	11	25	73	268	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	15.34	2.625	7.250	8.500	3.50	.250
	MM	64	3		174	143	54	390	66.68	184.15	215.90	89	6.35

BASIC SIZE	UNITS	BD MAX	BF ³	BS	ES MIN	XB	SQ KEY
180	IN	9.00	1/2-13 X .75	8.22	2.53	6.03	.250
	MM	229		209	64	153	6.35

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

- 1: ALL ROUGH DIMENSIONS MAY VARY BY .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: 11.625"/182/184

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

07-2582/A

Nidec Motor Corporation
St. Louis, Missouri

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION



ISSUED BY
D. MISAL
APPROVED BY
R. KING

IHP_DP_NMCA (MAR-2011) SOLIDEDGE