

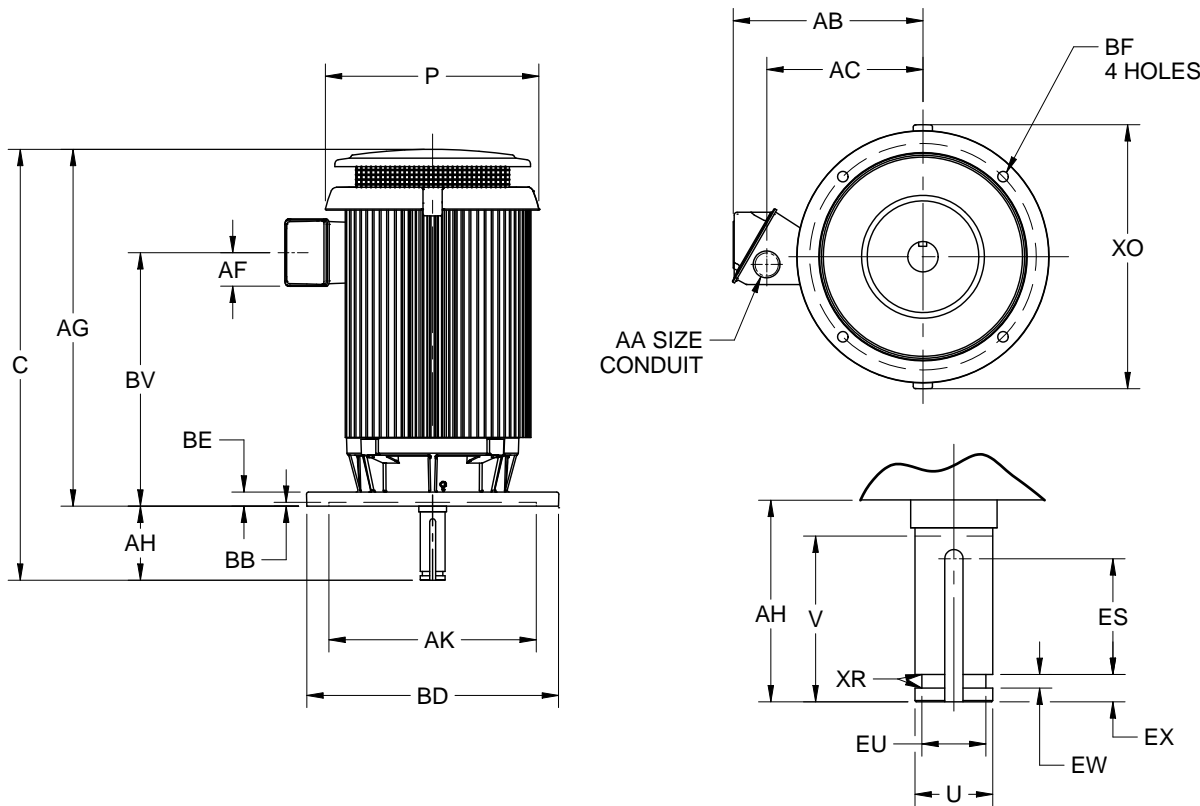
EFFECTIVE:
02-AUG-16

DIMENSION PRINT
WEATHER PROTECTED TYPE I
FRAME: 284HP THRU 286HPH
BASIC TYPE: AV

PRINT:
1200-5-65

SUPERSEDES:
NEW

SHEET:
1 OF 1



ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

UNITS	P ²	AA	AB	AC	AF	AG	BE	BV	EW +.002	EX -.005	XO	XR
IN	14.00	1.50	11.07	8.32	2.59	22.60	1.00	16.50	.375	.750	16.88	.03
MM	356		281	211	66	274	25	419	9.53	19.05	429	1

FRAME	UNITS	C	U -.001	V MIN	AH ±.062	AJ	AK	BB MIN	BD MAX	BF	ES MIN	EU -.005
284, 286HP	IN	25.35	1.125	2.75	2.750	9.125	8.250	.19	10.00	.44	1.31	.875
	MM	644	28.58	70	69.85	231.78	209.55	5	254	11	33	22.23
284, 286HPH	IN	27.10	1.625	4.50	4.500	14.750	13.500	.25	16.50	.69	3.06	1.250
	MM	688	41.28	114	114.30	374.65	342.90	6	419	18	78	31.75

FRAME	UNITS	SQ KEY
284, 286HP	IN	.250
	MM	6.35
284, 286HPH	IN	.375
	MM	9.53

- ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
- LARGEST MOTOR WIDTH.
- CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 180°. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
- TOLERANCES SHOWN ARE IN INCHES ONLY.
- SHAFT EXTENSION DIAMETER TOLERANCE: +.0000;-.0005 UP TO 1-1/2" INCLUSIVE.
LARGE DIMETERS: +.000;-.001
- FRAME REFERENCE 14.750" / 284 / 286.

TOLERANCES	8.250 AK	13.500 AK
FACE RUNOUT	.004 T.I.R.	.006 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET	.004 T.I.R.	.006 T.I.R.
PERMISSIBLE SHAFT RUNOUT	.002 T.I.R.	.002 T.I.R.
TOLERANCE ON AK-DIMENSION	+.004	+.006
SPECIAL SHAFT RUNOUT	.001 T.I.R.	.001 T.I.R.

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY
R. MARTINEZ
APPROVED BY
K. VALADEZ

IHP_DP_NMCA (MAR-2011) SOLIDEDGE