

HORIZONTAL MOTORS

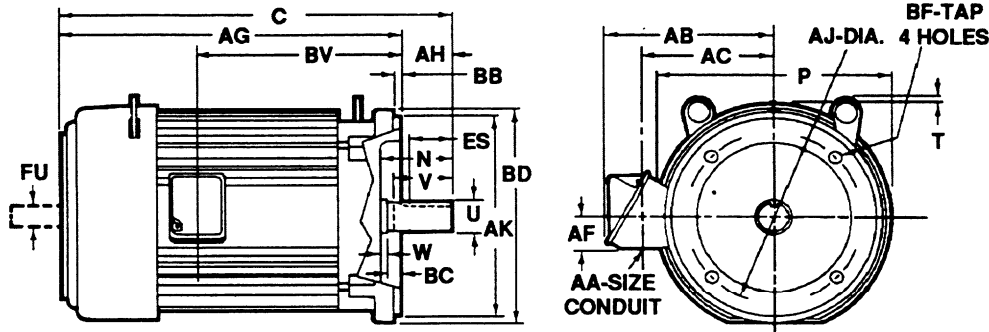
FOOTLESS UNIMOUNT WITH "C" BRACKET

FRAMES 182TC THRU A286TC

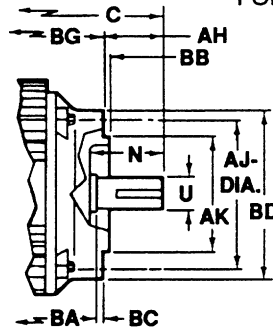
TYPE UTF

SECTION: 205U
 PAGE: 05
 EFFECTIVE: 03-01-91
 SUPERSEDES: 10-15-88

FOR FRAMES 182TC, 184TC, AND LARGER



FOR FRAMES 182TCH AND 184TCH



ALL DIMENSIONS ARE IN INCHES

BASIC FRAME	N	P*	T	U	V MIN.	W	AA	AB	AC	AF	AH	BC	ES MIN.	FU	SQ. KEY
180	2-7/8	9-9/16	3/8	1-1/8	2-9/16	1/8	3/4	7-1/2	6-5/16	2-1/8	2-5/8	1/8	1-25/32	7/8	1/4
210	3-1/2	11-1/4	3/8	1-3/8	3-3/32	1/8	1	8-1/4	6-3/8	1-9/16	3-1/8	1/4	2-13/32	1-1/8	5/16
250	4-1/8	13-3/8	0	1-5/8	3-23/32	1/8	1-1/4	9-15/16	7-5/8	1-13/16	3-3/4	1/4	2-29/32	1-3/8	3/8
A280	4-3/4	13-3/8	0	1-7/8	4-13/32	1/8	1-1/2	10-13/16	8-1/4	2-1/8	4-3/8	1/4	3-9/32	1-3/8	1/2

FRAME	C	AG	AJ	AK -.003	BB MIN.	BD MAX.	BF+	BV
182TC, 184TC	16-1/8	13-1/2	7-1/4	8-1/2	1/4	9	1/2-13x3/4	8-13/32
182TCH, 184TCH	16-1/8	13-1/2	5-7/8	4-1/2	1/8	6-1/2	3/8-16x9/16	8-13/32
213TC	18-5/8	15-1/2	7-1/4	8-1/2	1/4	9	1/2-13x3/4	8-7/8
215TC	20-1/8	17	7-1/4	8-1/2	1/4	9	1/2-13x3/4	10-3/8
254TC	23-7/8	20-1/8	7-1/4	8-1/2	1/4	10	1/2-13x3/4	11-7/8
256TC	25-5/8	21-7/8	7-1/4	8-1/2	1/4	10	1/2-13x3/4	13-5/8
A284TC	26-3/4	22-3/8	9	10-1/2	1/4	11-1/4	1/2-13x3/4	14-1/8
A286TC	28-1/4	23-7/8	9	10-1/2	1/4	11-1/4	1/2-13x3/4	15-5/8

All rough casting dimensions may vary by 1/4" due to casting variations.

Shaft extension diameter tolerance: +.0000; -.0005 up to 1-1/2" inclusive larger diameters: +.000; -.001

+ Tap size and bolt penetration allowance

◇ NEMA standard diameter of 1-5/8" is not available

*Largest motor width.

Conduit box may be located in steps of 90°. Standard as shown with conduit opening down.

TOLERANCES	FRAMES	
	182TC-256TC	A284TC-A286TC
Face runout	.004 F.I.R.	.004 F.I.R.
Permissible eccentricity of mounting rabbet	.004 F.I.R.	.004 F.I.R.
Permissible shaft runout	.002 F.I.R.	.003 F.I.R.



U. S. ELECTRICAL MOTORS
 DIVISION OF EMERSON ELECTRIC CO.



DO NOT USE FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED