



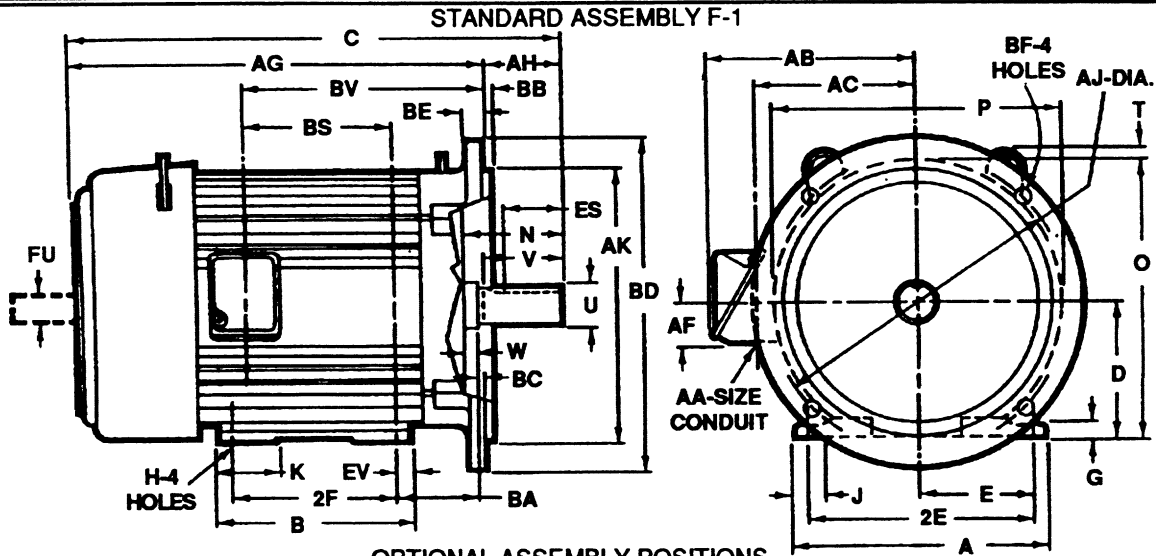
HORIZONTAL MOTORS

UNIMOUNT MOTOR WITH "D" BRACKET

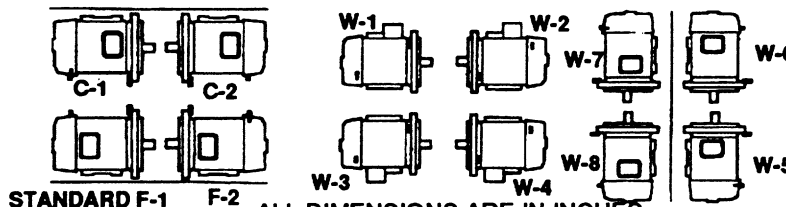
FRAMES 254TD THRU A286TSD

TYPE UT

SECTION: 205U
 PAGE: 08
 EFFECTIVE: 03-01-91
 SUPERSEDES: NEW SHEET



OPTIONAL ASSEMBLY POSITIONS



ALL DIMENSIONS ARE IN INCHES

BASIC FRAME	A	D	E	2E	G	H	J	K	O	P*	T	W	AA	AB	AC	AF
250	11-3/8	6-1/4	5	10	11/16	17/32	1-3/8	2	12-15/16	13-3/8	1-1/4	1/8	1-1/4	9-15/16	7-5/8	1-13/16
A280	12-7/8	7	5-1/2	11	3/4	17/32	1-7/8	2-5/8	13-11/16	13-3/8	1-1/4	1/8	1-1/2	10-13/16	8-1/4	2-1/8

BASIC FRAME	AJ	AK -.003	BA	BB	BC	BD MAX.	BE	BF	EV	FU
250	12-1/2	11	4-3/4	1/4	0	14	3/4	13/16	1-7/32	1-3/8
A280	12-1/2	11	4-3/4	1/4	0	14	3/4	13/16	1-3/8	1-3/8▼

FRAME	B	C	2F	N	U -.001	V MIN.	AG	AH	BS■		BV■		ES MIN.	SQ. KEY
									F-1	F-2	F-1	F-2		
254TD	10-11/16	26-5/16	8-1/4	4-1/8	1-5/8	3-29/32	22-5/16	4	9-9/32	2-25/32	14-1/32	7-17/32	2-29/32	3/8
256TD	12-7/16	28-1/16	10	4-1/8	1-5/8	3-29/32	24-1/16	4	11-1/32	2-25/32	15-25/32	7-17/32	2-29/32	3/8
A284TD	12-1/4	29-3/16	9-1/2	4-3/4	1-7/8	4-17/32	24-9/16	4-5/8	11-1/2	2-3/4	16-5/16	7-9/16	3-9/32	1/2
A284TSD	12-1/4	27-13/16	9-1/2	3-3/8	1-5/8	3-1/8	24-9/16	3-1/4	11-1/2	2-3/4	16-5/16	7-9/16	1-29/32	3/8
A286TD	13-3/4	30-11/16	11	4-3/4	1-7/8	4-17/32	26-1/16	4-5/8	13	2-3/4	17-13/16	7-9/16	3-9/32	1/2
A286TSD	13-3/4	29-5/16	11	3-3/8	1-5/8	3-1/8	26-1/16	3-1/4	13	2-3/4	17-13/16	7-9/16	1-29/32	3/8

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

Conduit box can be located on either side and opening may be located in steps of 90°, regardless of location. Standard as shown with conduit opening down.

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

* Largest motor width.

Dimension "D" will never be exceeded, but may be less than values shown. When exact dimensions are required, shims up to 1/32" may be necessary.

■ Use dimensions per your assembly position as shown in this table

FOR ASSEMBLY POSITIONS	USE COLUMN
F-1, C-2, W-2, W-3, W-6, W-8	F-1
F-2, C-1, W-1, W-4, W-5, W-7	F-2

TOLERANCES	FRAMES	
	254TD, 256TD A284TSD, A286TSD	A284TD A286TD
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