

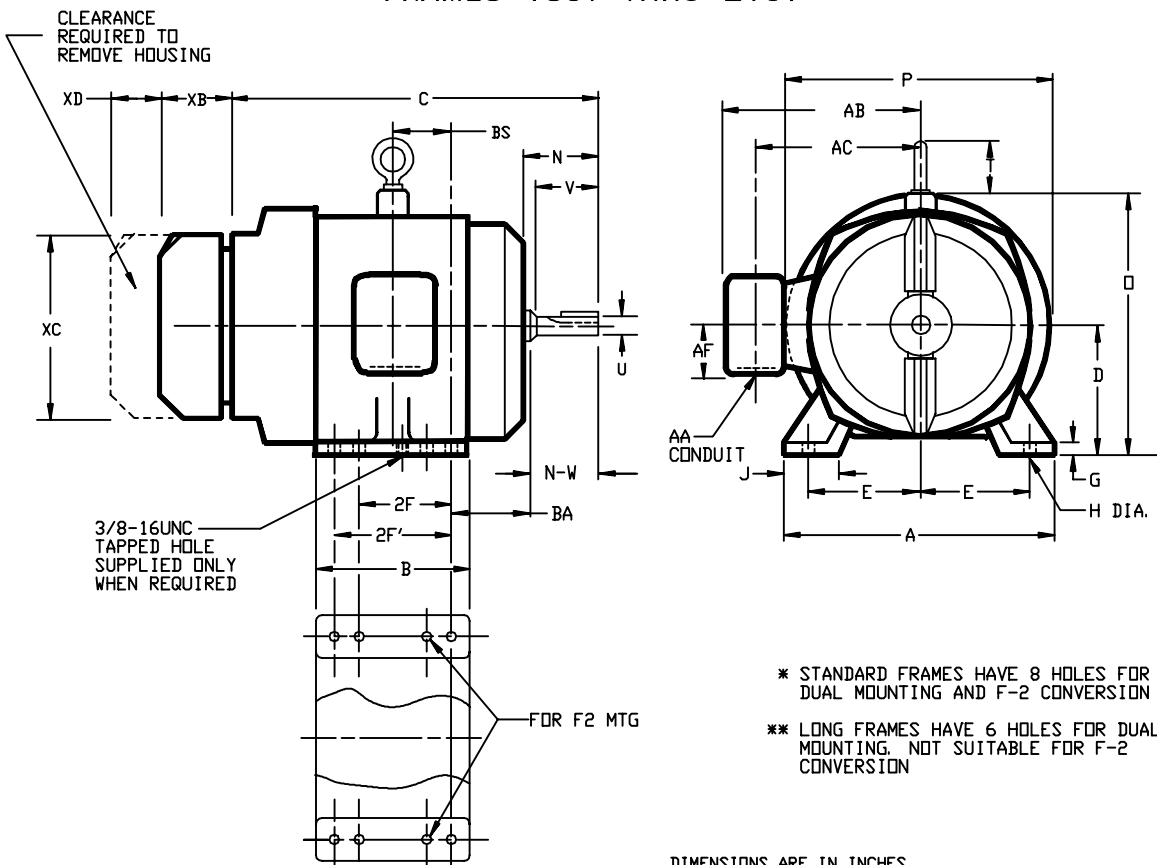
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT

COOLING: FAN COOLED
ACCESSORIES: INTERGAL MOUNTED
STEARNS BRAKE

FRAMES 180T THRU 210T



* STANDARD FRAMES HAVE 8 HOLES FOR DUAL MOUNTING AND F-2 CONVERSION
** LONG FRAMES HAVE 6 HOLES FOR DUAL MOUNTING. NOT SUITABLE FOR F-2 CONVERSION

DIMENSIONS ARE IN INCHES

FRAME	A	D(3)	E	G	H	J	D	P	T	STEEL TERMINAL BOX				BA
										AA	AB	AC	AF	
180T-L180T	9.00	4.50	3.75	.44	.44	1.75	9.88	9.25	2.00	3/4	7.81	6.31	1.94	2.75
210T-L210T	10.50	5.25	4.25	.44	.44	2.00	11.25	10.50	2.00	1	8.69	7.19	1.94	3.50

FRAME SIZE	FOOT MTG PROV	C	BS	B	2F	2F'	B. E. SHAFT AND KEY						WEIGHT LBS. (4)
							N	N-W	UK(2)	V	SQ.	LGTH.	
180T	182T *	17.12	2.75	7.00	4.50	---	3.00	2.75	1.1250	2.50	.250	1.75	80
	184T *				---	5.50							85
L180T	L182T **	18.62	3.50	8.50	4.50	---	3.00	2.75	1.1250	2.50	.250	1.75	110
	L184T **				---	5.50							115
210T	213T *	21.12	3.50	8.50	5.50	---	3.62	3.38	1.3750	3.12	.312	2.38	130
	215T *				---	7.00							140
L210T	L213T **	22.00	3.94	9.12	5.50	---	3.62	3.38	1.3750	3.12	.312	2.38	170
	L215T **				---	7.00							180

(1) SPECIAL DIMENSIONS ON THIS LINE.

(2) 'U' VARIES — +.0000, -.0005

(3) 'D' VARIES +.00, -.03

(4) MOTOR WEIGHTS MAY VARY BY 15% FOR NON-STANDARD RATINGS.

(5) 56,000 SERIES - 180TC FRAMES-NO ADAPTER USED
- 210TC FRAMES
ADD .88 TO 'C' DIM. TO ACCOMMODATE ADAPTER

(6) 87,000 SERIES - 180TC FRAMES
ADD .75 TO 'C' DIM. TO ACCOMMODATE ADAPTER
- 210TC NO ADAPTER USED

TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7 OR MOUNTING IS SPECIFIED.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .002T. I. R.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

(5) 56000 BRAKE									
FT. TORQUE L.B.	BRAKE MODEL STD.	WT. L.B.	XB	BRAKE MODEL DTWP.	WT. L.B.	XB	XC	XD	
3	1-056-611	15	4.50	1-056-612	15	4.60	6.88	3.25	
6	1-056-621	15	4.50	1-056-622	15	4.60			
10	1-056-631	17	4.95	1-056-632	17	5.05			
15	1-056-641	17	4.95	1-056-642	17	5.05			
20	1-056-651	21	4.95	1-056-652	21	5.05			
25	1-056-661	21	4.95	1-056-662	21	5.05			
(6) 87000 BRAKE									
10	1-087-011	18	7.38	1-087-012	42	7.56	9.38	4.69	
15	1-087-021	19	7.38	1-087-022	43	7.56			
25	1-087-031	19	7.38	1-087-032	43	7.56			
35	1-087-041	22	7.38	1-087-042	46	7.56			
50	1-087-051	22	7.88	1-087-052	47	8.06			
75	1-087-061	25	7.88	1-087-062	50	8.06			
105	1-087-081	28	8.38	1-087-082	54	8.56			

FRAME- _____ TYPE- _____ CERTIFIED FOR- _____
 ORDER- _____ ITEM _____ HP- _____ RPM- _____ PH- _____ HZ- _____ VOLTS _____
 RELIANCE SALES ORDER- _____ APPROVED BY- _____ DATE- _____



DR. BY K. G. THOMAS
 CK. BY R. L. BROWN
 APP. BY G. KILBORN
 DATE 3-20-87

DIMENSION SHEET
SHEET 1 OF 1

613051-23
ISSUE DATE: MAY 4, 2001