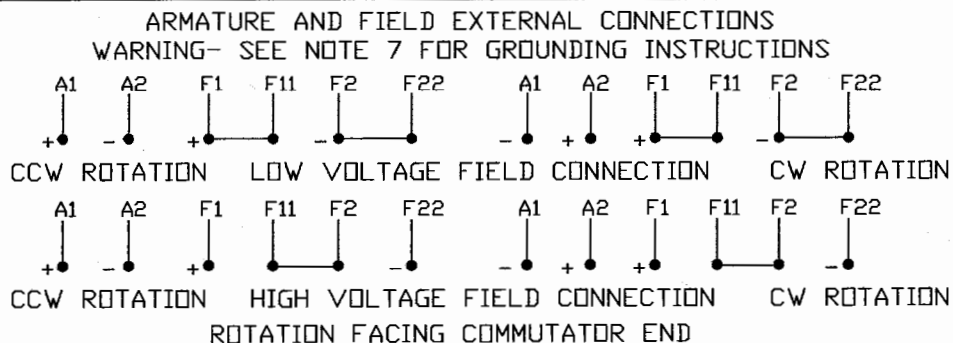
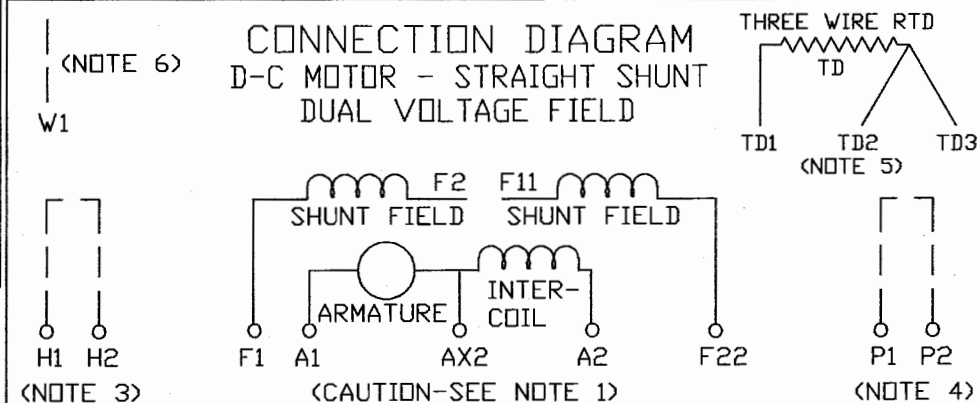


406770-007



1. **CAUTION** — ARMATURE MAY HAVE MULTIPLE LEADS. CONNECT ALL LUGS WITH THE SAME MARKING TOGETHER.
2. OPTIONAL CONTROL SIGNAL LEAD IS MARKED AX2. ALWAYS TAKE INTERPOLE DROP BETWEEN A2 AND AX2. NOTE: NEMA DESIGNATION FOR AX2 IS LETTER C.
3. SPACE HEATERS, WHEN PROVIDED, WILL HAVE LEADS MARKED H1 AND H2, H3, H4, ETC.
4. THERMAL PROTECTOR, WHEN PROVIDED, WILL HAVE LEADS MARKED P1 AND P2, P3, P4, ETC.
5. WINDING RTD'S, WHEN PROVIDED, WILL HAVE LEADS MARKED TD1, TD2, & TD3.
6. BRUSH WEAR SENSOR, WHEN PROVIDED, WILL HAVE LEAD MARKED W1.
7. **WARNING** — MOTOR MUST BE GROUNDED TO PREVENT SERIOUS INJURIES TO PERSONNEL. GROUND THE MOTOR PER IEC, NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL ELECTRICAL CODES. A TAPPED HOLE IS PROVIDED IN THE CONDUIT BOX, ON THE FOOT, FRAME BRACE OR OPPOSITE OPPOSITE DRIVE END BRACKET, ADJACENT TO THE TERMINAL BOX FOR FOR MOTOR GROUNDING. GROUND LEAD, WHEN PROVIDED, WILL BE GREEN.

CUSTOMER _____ CUSTOMER ORDER NO. _____ RELIANCE S.D. NO. _____

406770-007

BALDOR

D-C MOTOR CONNECTION DIAGRAM, STR. SHUNT, DUAL VOLTAGE FIELD

SH 1 of 1

REV. DESC: UPDATE LOGO AND TITLEBLOCK: LOADED TO BUS

VERSION: 00

TDR: 000000784225

FILE: MGA\00001\391

REVISED: 02:50:46 02/01/2013

BY: MGHPC

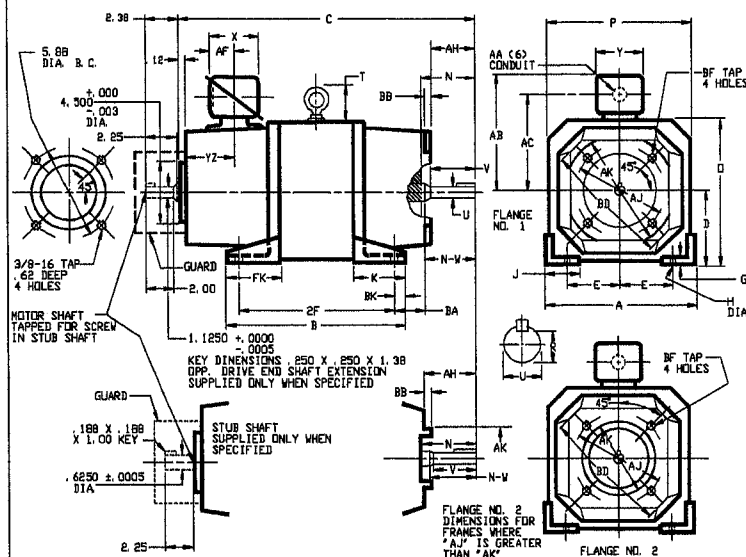
MTL: -

INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE:DRIP-PROOF FULLY-GUARDED
SPLASHPROOF, TOTALLY ENCLOSED
MOUNTING:FOOT,"C" FACE
METHOD OF DRIVE:COUPLED OR BELTED

COOLING:SELF-VENTILATED
NON-VENTILATED
ACCESSORIES:PROVISIONS FOR
TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	B(1)	E	G	H	J	K	FK	BK	D	P	T	BA	BB	BD	BF	TAP	3RD TAP	AJ	AK(A)	A C SHIP	SHIP
DC19A17	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	9/16-16	62	5.98	4.500	1.40TC	EXT	
DC19A17C2	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	1/2-13	66	7.25	4.500	1.80TC	EXT	
DC19A17	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	9/16-16	62	5.98	4.500	1.40TC	EXT	
DC19A17C2	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	1/2-13	66	7.25	4.500	1.80TC	EXT	
DC19A17	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	9/16-16	62	5.98	4.500	1.40TC	EXT	
DC19A17C2	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	1/2-13	66	7.25	4.500	1.80TC	EXT	
DC19A17	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	9/16-16	62	5.98	4.500	1.40TC	EXT	
DC19A17C2	NL E	9.00	4.50	3.75	3.11	44.1	9.00	3.50	3.50	5.00	8.88	7.5	1.88	7.5	12.5	7.5	1/2-13	66	7.25	4.500	1.80TC	EXT	

[illegible]

- (1) 1" DIMENSION WILL NOT BE EXCEEDED. SWINGS UP TO 03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- (2) "P" VARIES +.0000 - .0005
- (3) "R" VARIES +.000 - .015
- (4) "AK" VARIES +.000 - .003
- FACE RUNOUT AND ECCENTRICITY .004 MAX. T.I.R.
- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DDP, DRIVE END, ADD .25 TO .315"
- (6) TERMINAL BOX CAN BE ROTATED TO REPOSITION CONDUIT CONNECTION.
- IF MOUNTING CLEARANCE DETAILS ARE REQUIRED CONSULT FACTORY.

MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: LOADED TO BUS		
REV. LTR: -	VERSION: 00	TDR: 000000577407
FILE: \RG6\00015\707	REVISED: 02:13:39 01/26/2011	BY: CONNAS
MTL: -		

BALDOR

DIMENSION DRAWING,DC180ATY - DC180ATCZ,DPP,TENV,FOOT MTG.

SH 1 of 1