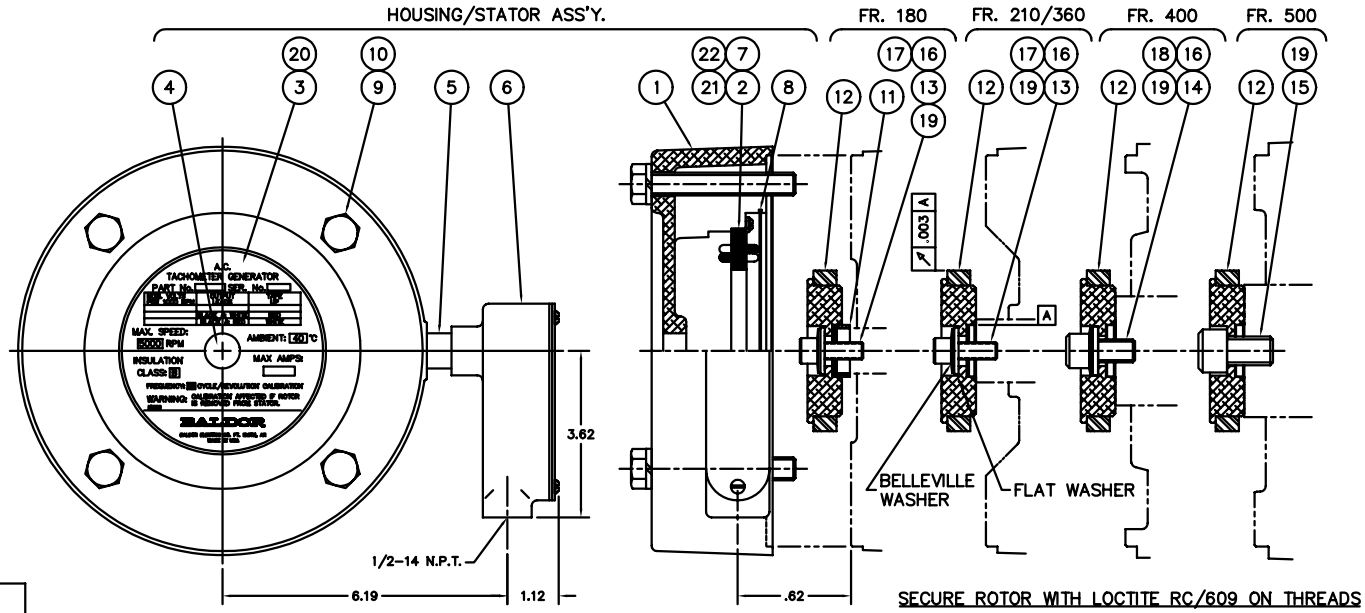
10603



GENERAL NAMEPLATE STAMPING

NOM. VOLTS PER 1000 RPM	OUTPUT LEADS	TAPE UP	
SINGLE VOLTAGE	BLACK & RED	–	
LOW VOLTAGE	BLACK & WHITE	RED	USE FOR DUAL VOLTAGE TACHS.
HIGH VOLTAGE	BLACK & RED	WHITE	

USE CHART (AT SIDE) FOR MAX. AMPS.

ITEM	QTY.	PART No.	DESCRIPTION
22	3	14XN0632A04	ROUND HEAD SCREW – #6–32
21	3	07048	ENCODER CLAMP (STATOR)
20	4	85XU0407S04	DRIVE PIN
19	1	19D045–5	LOCTITE RC/609
18	1	15996–3	BELLEVILLE WASHER (1/2)
17	1	15996–2	BELLEVILLE WASHER (3/8)
16	1	HW1000A50	FLATWASHER SAE 12
15	1	15834–100	SOCKET HEAD CAP SCREW – 5/8–11
14	1	15572–100	SOCKET HEAD CAP SCREW – 1/2–13
13	1	15571–100	SOCKET HEAD CAP SCREW – 3/8–16
12	1	10579	ROTOR
11	1	18089	ADAPTER (FR. 180 ONLY)
10	4	15568–325	HEX HEAD SCREW – 1/2–13
9	4	HW1001A50	MEDIUM LOCKWASHER – 1/2
8	1	15504	INSULATOR
7	.002	MJ5004A25	LOCTITE #222 SCREWLOCK
6	1	15166	CONDULET – 1/2 LB W/COVER & GASKET
5	1	15585–112	CONDUIT NIPPLE – 1/2 CLOSE
4	1	2D066–12	MS RECEPTACLE CAP (HOLE PLUG)
3	1	15336	NAMEPLATE
2	1	10182–X	STATOR ASS'Y (SELECT OUTPUT PER TAB.)
1	1	10239	HOUSING

NOTE: MOUNTING HARDWARE ITEMS No. 9,10,11,13 THRU 19, SHOWN FOR ENGINEERING & ASSEMBLY REFERENCE ONLY, NOT TO BE INCLUDED AS PART OF THIS ASSEMBLY. USE ONE OF THE FOLLOWING AC TACH. MTG. KITS FOR HARDWARE: K01005 180FR., K01006 210/360FR., K01007 400FR., K01008 500FR.

ASSEMBLY PROCEDURE:

1) MOUNT CONDULET(ITEM #6) TO HOUSING(ITEM #1) USING CONDUIT NIPPLE(ITEM #5).
2) SEAT WOUND STATOR (ITEM #2) INTO HOUSING BORE, CLAMP IN PLACE WITH ENCODER CLAMPS(ITEM #21) AND RD. HD. SCREWS (ITEM#22) WITH LOCTITE #222(ITEM #7) APPLIED TO THREADS.
3) SNAP INSULATOR(ITEM #8) INTO HOUSING GROOVE.
4) APPLY LOCTITE RC/609(ITEM #19) TO ROTOR MOUNTING SCREW. CURE 1HR @ 180°–200°F OR 12HRS @ ROOM TEMPERATURE BEFORE ASSEMBLING.
5) MOUNT ROTOR (ITEM #12) AS ILLUSTRATED IN ROTOR INSTALL. TORQUE BOLTS: 3/8–16UNC TO 10LB.FT., 1/2–13UNC TO 25LB.FT. 5/8–11UNC TO 100LB.FT. (USE 1/2 FLAT WASHER WITH 3/8 & 1/2 BOLTS)
6) MOUNT NAMEPLATE(ITEM #3) TO HOUSING WITH DRIVE PIN SCREWS(ITEM #20).
7) BOLT HOUSING & STATOR SUB–ASSEMBLY TO MOTOR ACC. FACE WITH HEX HD(ITEM #10) & LOCKWASHERS(ITEM #9).
8) TEST PER IP–053.

DASH No.	VOLTS 1000RPM	(MA.) MAX. AMPS.	STATOR ASS'Y
–21	50VAC	0.9	10182–5
–8	22.5VAC	2.0	10182–4
–7	45/90VAC	0.5	10182–3
–6	90VAC	0.5	10182–2
–5	45VAC	1.0	10182–1

CUST. NAME	CUST. P.O.	CERTIFIED BY	MODEL	INSUL	AMB
H.P.	MTG	TYPE	R.P.M.	VOLTS	ENCL	PHASE	FREQ	FRAME
REV. DESC: UPDATE TACH ROTOR VIEW								
REV. LTR: H	BY: RRL	REVISED: 10/09/00 10:45	TDR: 0221767					
FILE: CHB00006969			MDL: –					
MTL: NOTED								

BALDOR ELECTRIC Co.

AC TACHOMETER GENERATOR ASSEMBLY TYPE AN ON FR.180/500

10603