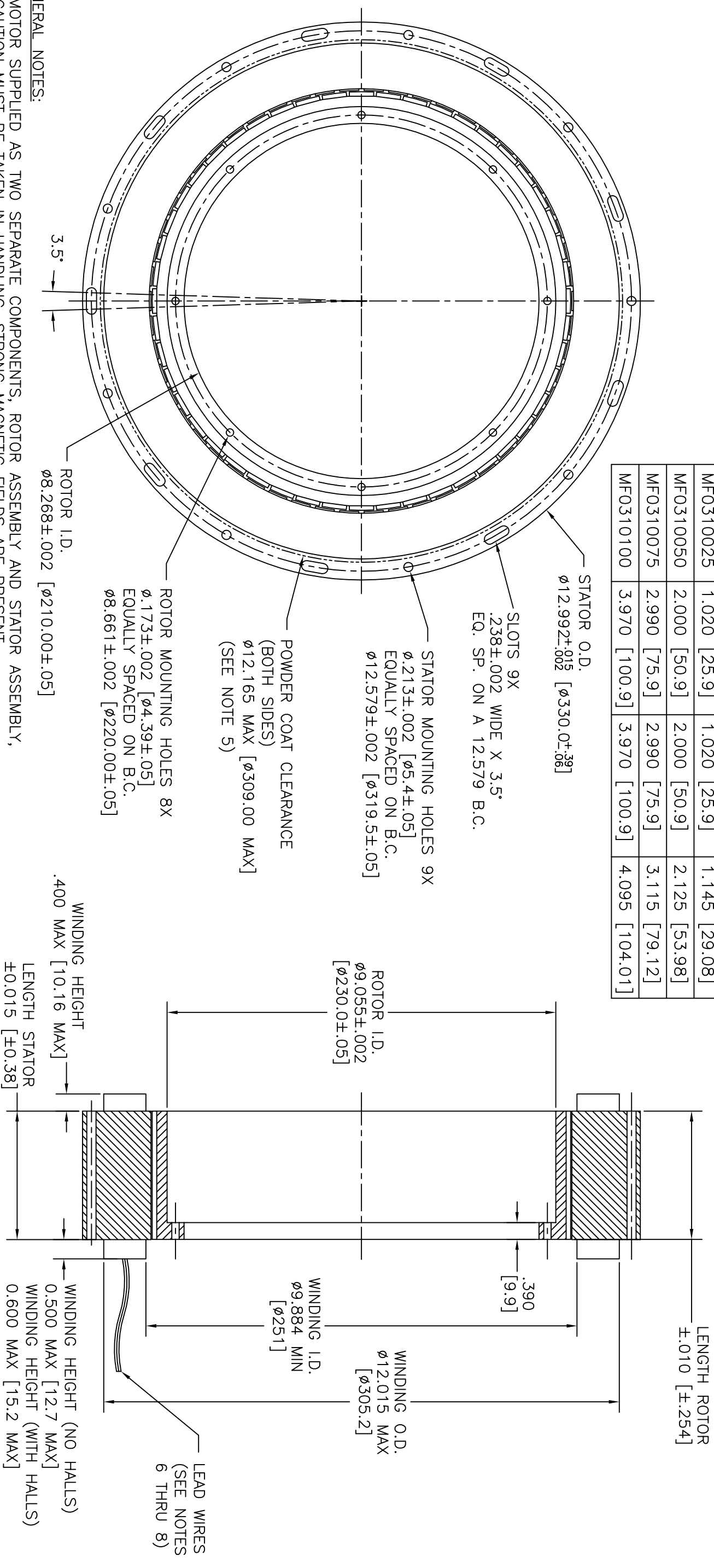


REVISION		DATE	APPROVED
ECN	LTR	DESCRIPTION	

MODEL	LENGTH STATOR	LENGTH ROTOR NO HALLS	LENGTH ROTOR WITH HALLS
MF0310010	0.390 [9.9]	0.390 [9.9]	0.515 [13.08]
MF0310025	1.020 [25.9]	1.020 [25.9]	1.145 [29.08]
MF0310050	2.000 [50.9]	2.000 [50.9]	2.125 [53.98]
MF0310075	2.990 [75.9]	2.990 [75.9]	3.115 [79.12]
MF0310100	3.970 [100.9]	3.970 [100.9]	4.095 [104.01]



## GENERAL NOTES:

- MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS, ROTOR ASSEMBLY AND STATOR ASSEMBLY, CAUTION MUST BE TAKEN IN HANDLING. STRONG MAGNETIC FIELDS ARE PRESENT.
- ALL MOTORS MANUFACTURED BY EMOTEQ CORP. ARE OF THE HIGHEST QUALITY AND WORKMANSHIP, ONLY QUALIFIED INSTALLATION TECHNICIANS SHOULD INSTALL AND TEST THIS MOTOR.
- EMOTEQ CORP. PROVIDES GENERAL STORAGE, HANDLING AND INSTALLATION DOCUMENTATION WITH ALL FRAMELESS MOTORS SHIPPED. FOR UNIQUE MOTOR INSTALLATION REQUIREMENTS CONTACT YOUR EMOTEQ SALES REPRESENTATIVE.
- TO INSURE PROPER INSTALLATION, ALL MOTOR MOUNTING BOLT PATTERNS SHOULD BE CONCENTRIC WITHIN 0.005" [0.01] AND SHOULD BE CHECKED PRIOR TO INITIAL TESTING AND OPERATION.
- CUSTOMER MOUNTING FLANGE I.D. TO BE  $\phi 12.205$  [310.01] MIN.
- LEAD WIRE – TEFLON COATED PER MIL-W-16878 12" [304.8] MIN LENGTH
- MOTOR 10 AWG RED (A), WHITE (B) AND BLACK (C)
- SENSOR 22 AWG BLUE (+), BROWN (A), ORANGE (B), (YELLOW (C) AND GREEN (GRD)

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ONANGLES 3 PLAGE 2 PLAGE  
 $\pm 0^\circ 30'$  DEC  $\pm .005$  DEC  $\pm .01$ 

MATERIAL DO NOT SCALE

DRAFTSMAN:

GLG

DATE:

7/11/01

CHECKER:

ENGINEER:

TITLE:

TULSA, OK 74146--3638, USA

OUTLINE DRAWING  
FRAMELESS MOTOR

DWG CODE IDENTIFICATION NUMBER DRAWING NUMBER

B 3HNO4 MF0310 SERIES

SCALE:

SHEET 1 of 1