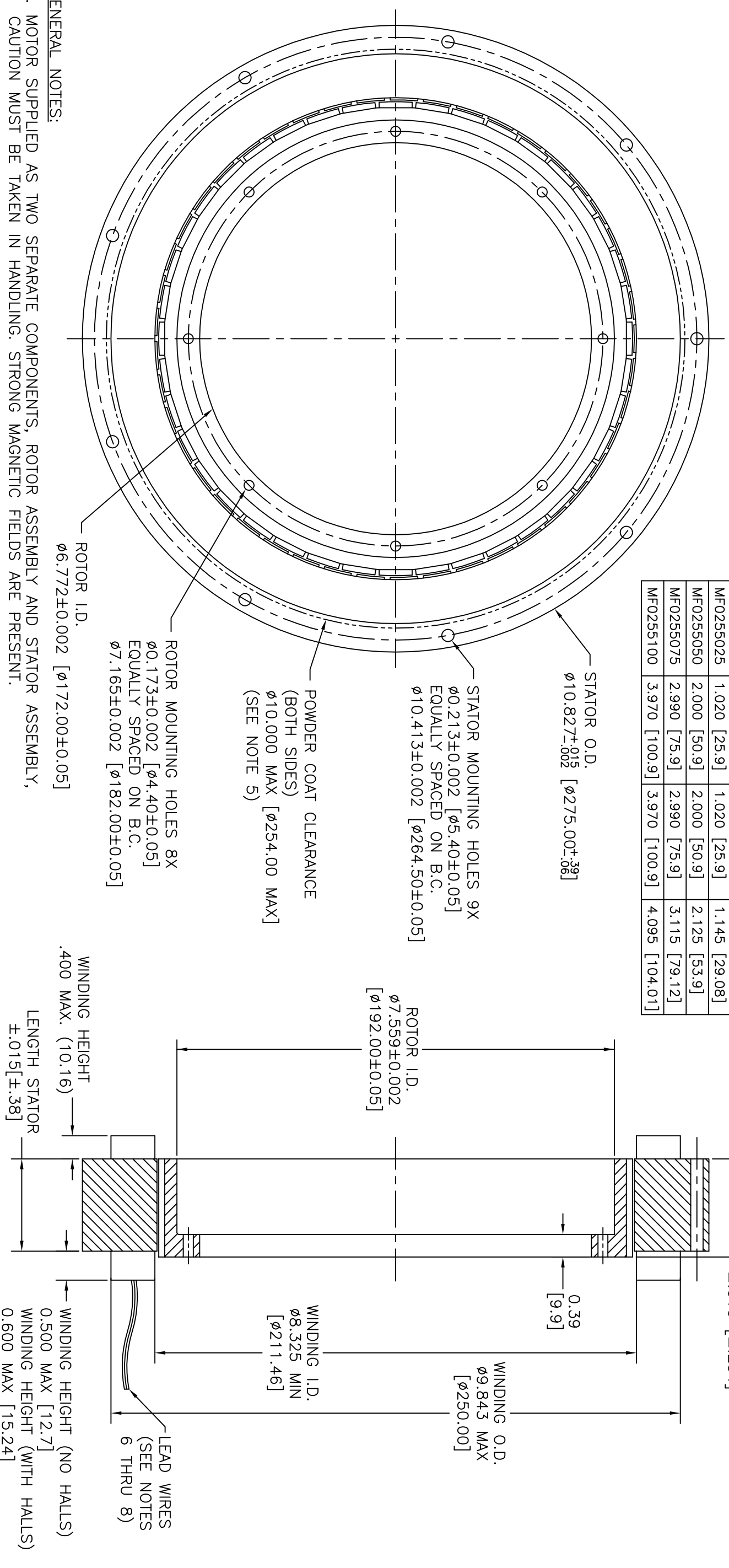


REVISION

| ECN | LTR | DESCRIPTION | DATE | APPROVED |
|-----|-----|-------------|------|----------|
| | | | | |

| MODEL | LENGTH STATOR | LENGTH ROTOR NO HALLS | LENGTH ROTOR WITH HALLS |
|-----------|---------------|-----------------------|-------------------------|
| MF0255010 | 0.390 [9.9] | 0.390 [9.9] | 0.515 [13.08] |
| MF0255025 | 1.020 [25.9] | 1.020 [25.9] | 1.145 [29.08] |
| MF0255050 | 2.000 [50.9] | 2.000 [50.9] | 2.125 [53.9] |
| MF0255075 | 2.990 [75.9] | 2.990 [75.9] | 3.115 [79.12] |
| MF0255100 | 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 $\phi 10.040$ [255.02] 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 ON

ANGLES 3 PLACE DEC # .005
DEC # .01

MATERIAL DO NOT SCALE

FINISH

DRAFTSMAN:

DLB

DATE:

10/31/01

CHECKER:

ENGINEER:

CUSTOMER:

TULSA, OK 74146-3638, USA

Allied Motion

OUTLINE DRAWING

FRAMELESS MOTOR

DWG CODE IDENTIFICATION NUMBER

B 3HNO4 MF0255 SERIES

SCALE:

SHEET 1 OF 1