

DRAWING NUMBER

QB0170X-X0X

REV.

D

REVISION

ECN	LTR	DESCRIPTION	DATE	APPROVED
-	D	REV. HALL SUPPORT	4/3/04	BWT

1.30 (.33)
HALL BOARD SUPPORT

.812
HALL BOARD
I.D.
(.20,6)

BETWEEN MAX. POWDER COAT DIA.
AND STATOR O.D., LAMINATIONS ARE
EXPOSED FOR MOUNTING SURFACE.
TYP. BOTH ENDS

.2510 ±.0005 STD. DIA.

(.6,375)

.4720 ±.0005 MAX.

(12,0)

LEADWIRE - TEFLON COATED
TYPE "E" PER MIL-W-16878/4
12" MINIMUM LENGTH

A) MOTOR: #24 AWG. RED(A), WHT(B), BLK(C)

B) SENSOR: #28 AWG. BLU(+), BRN(A), ORG(B)
YEL(C), GRN(GRD)

.53 ±.02
OVER HALL
BOARD
(13,5)

"B"
ROTOR HUB

.875
DIA.
MIN.
(20,9)

1.320
MAX.
DIA.
(33,5)

1.33
DIA.
MAX.
POWDER
COAT
(33,8)

+ .000
-.002
1.410
DIA.
(35,81)

.312 MAX. (.7,9)

±.010
"A"
OVER LAM.

MODEL NO.	"A" STATOR	"B" ROTOR
QB01700	.500 (12.70)	1.000 (25.40)
QB01701	1.000 (25.40)	1.500 (38.10)
QB01702	1.500 (38.10)	2.000 (50.80)
QB01703	2.000 (50.80)	2.500 (63.5)

- MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS, ROTOR ASSEMBLY AND STATOR ASSEMBLY.
- DIAMETERS "A" AND "B" TO BE CONCENTRIC WITHIN .002 WHEN MOUNTED.
- STD. HUB LENGTH IS 1.000" LG. .500" HUBS ARE PROVIDED FOR CUSTOMER STACKING BEYOND 1.000".

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON

ANGLES 3 PLACE DEC ±.005 DEC ±.01

DO NOT SCALE

DRAFTSMAN:

BWT

DATE:

4/3/04

CHECKER:

ENGINEER:

TITLE:

TULSA, OK 74146-3638, USA
Allied Motion
OUTLINE DRAWING
FRAMELESS MOTOR

CUSTOMER:

DWG

IDENTIFICATION
NUMBER
3HNO4

DRAWING NUMBER

QB0170X-X0X

SCALE:

B

SIZE

SHEET

1 OF 1