

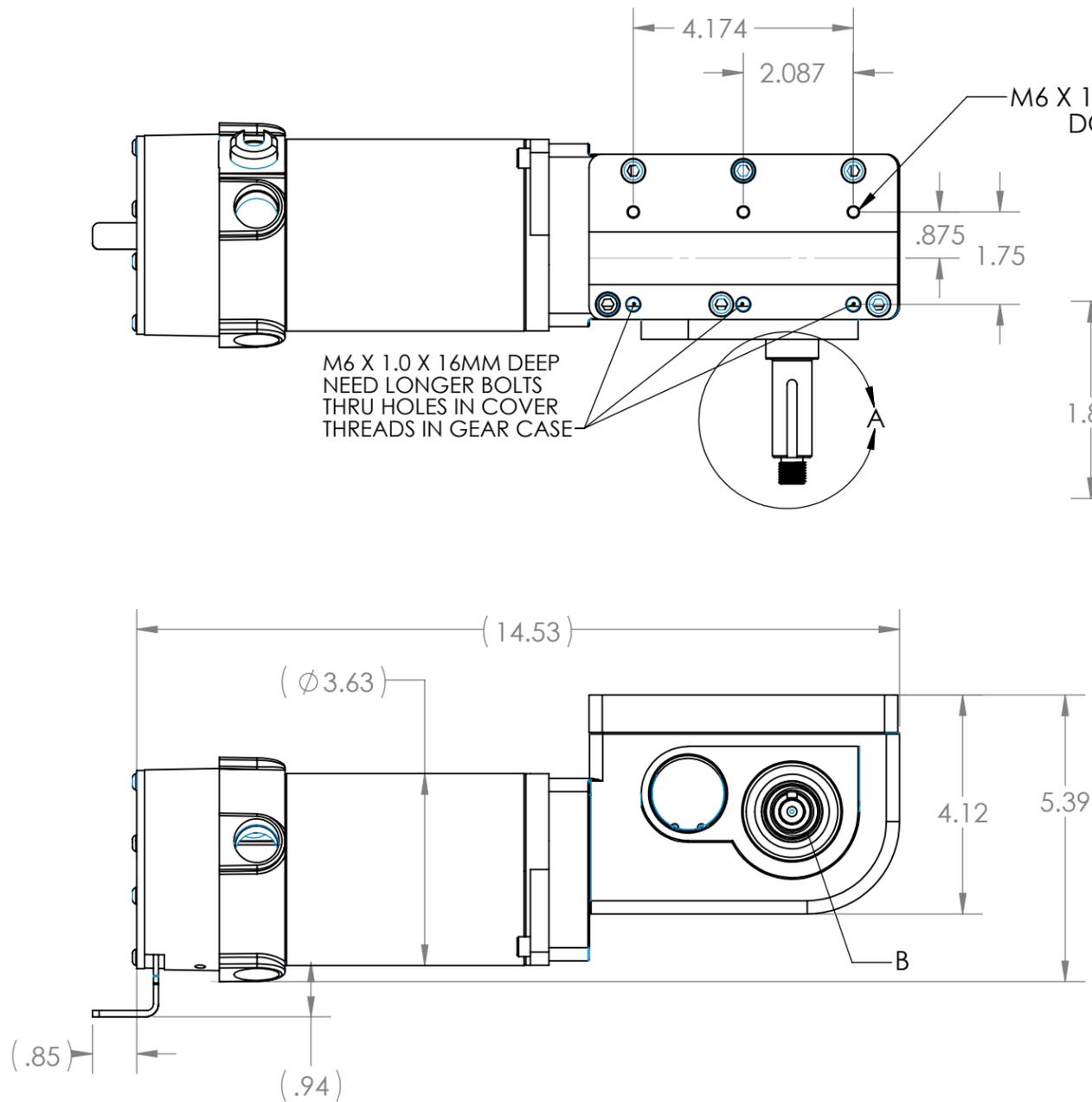
REVISION			
REV.	DESCRIPTION	DATE	APPRO.
A	RELEASE	6/16/2014	R.R.

D

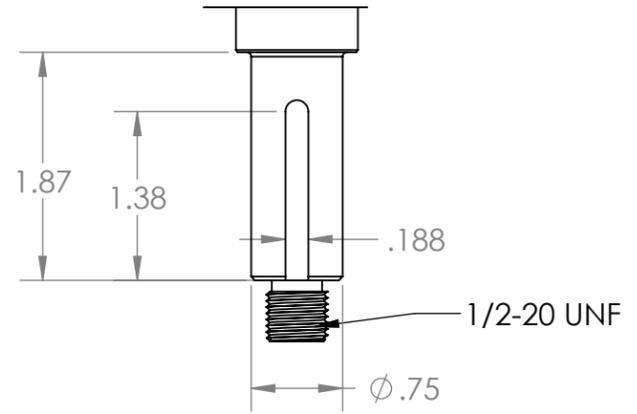
C

B

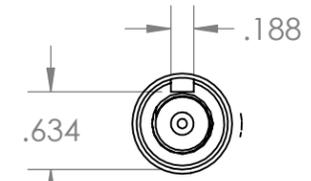
A



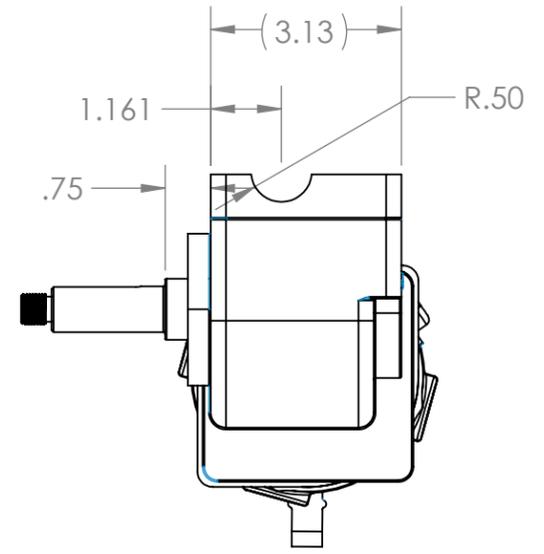
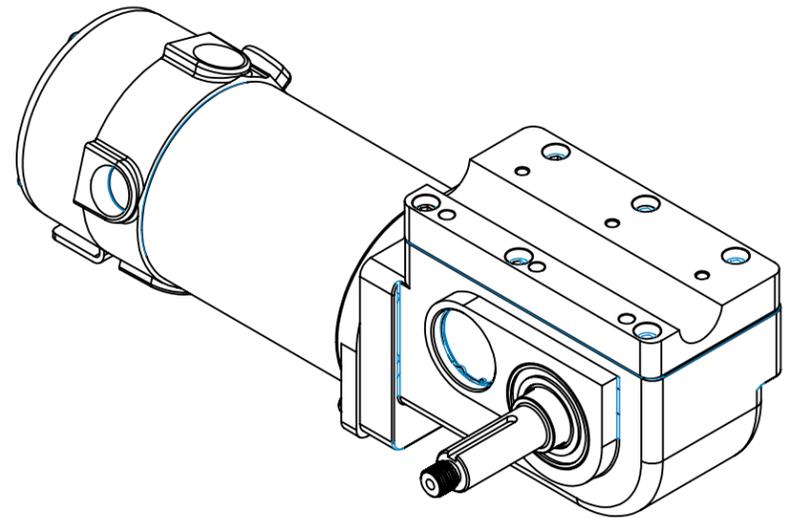
M6 X 1.0 THREAD, .83 MIN. DP.  
DO NOT BREAK THRU  
3 PLACES



DETAIL A  
SCALE 2 : 3



DETAIL B  
SCALE 2 : 3



ASSEM./PART NO.	NPC-P0021144
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UNLESS OTHERWISE INDICATED ALL HARDCOPY DRAWINGS ARE UNCONTROLLED DOCUMENTS

MOTOR VOLTAGE: 24VDC  
BRAKE VOLTAGE: 24VDC  
STALL TORQUE: 1543 IN-LBS.  
STALL CURRENT: 136.6 AMPS  
PEAK HORSEPOWER: .81 HP  
NO-LOAD SPEED: 132.8 RPM  
NO-LOAD CURRENT: 1.68 AMPS

**APPLICABLE STANDARDS/SPECIFICATIONS**  
ASME Y14.100M- 1998  
ASME Y14.5M - 1994  
ASME Y14.38- 1999

**WARNING:**  
THIS DOCUMENT CONTAINS TECHNICAL DATA WHOSE EXPORT IS RESTRICTED BY THE ARMS EXPORT CONTROL ACT (TITLE 22, U.S.C. SEC 2751 ET SEQ.) OR THE EXPORT ADMINISTRATION ACT OF 1979, AS AMENDED (TITLE 50 U.S.C. APP 2401 ET SEQ.). VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. THIS INFORMATION MUST NOT BE TRANSFERRED TO A FOREIGN PERSON OR ENTITY WITHOUT THE PROPER AUTHORIZATION OF THE U.S. GOVERNMENT. VIOLATIONS MAY RESULT IN CIVIL, ADMINISTRATIVE, OR CRIMINAL PENALTIES. DISSEMINATE ONLY IN ACCORDANCE WITH THE PROVISIONS OF DOD DIRECTIVE 5230.25

**UNLESS OTHERWISE SPECIFIED:**  
DIMENSIONS ARE PRIOR TO FINISH/COATING  
DIMENSIONS ARE IN INCHES

TOLERANCES:  
FRACTIONAL ± 1/16  
BEND ± 1°  
TWO PLACE DECIMAL ± .01  
THREE PLACE DECIMAL ± .005

**DO NOT SCALE DRAWING**

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NPC ROBOTICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NPC ROBOTICS IS PROHIBITED.

MATERIAL	
FINISH	
NAME	DATE
DRAWN TYLER J.	6/8/2014
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	

**NPC Robotics** Mound, MN (952)-472-1513

DWG. TITLE:  
**NPC-B82HT**

SIZE <b>B</b>	DRAWING NO. NPC-P0021144-D01	REV <b>A</b>
SCALE:	WEIGHT:	SHEET 1 OF 1

8 7 6 5 4 3 2 1